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Single and Combined Impacts of the Insecticide Sulfoxaflor and the Fungicide Azoxystrobin on the Learning Ability and Foraging Performance of the Solitary Bee Osmia bicornis

GEO 511 Master's Thesis

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Abstract

The solitary bee *Osmia bicornis*, like many other well-known bee species (e.g., honeybee or bumblebee), is affected by the widespread use of pesticides that cause lethal and sublethal effects. In the past, certain neonicotinoids found to be harmful to bees were banned, and substitutes such as the insecticide sulfoxaflor, which is considered less harmful despite a similar mode of action, were established. In addition to insecticides, fungicides are also widely used. A very well-known fungicide is azoxystrobin, which is classified as harmless to bees like most fungicides. However, fungicides attracted more attention in the past due to possible synergisms and antagonisms with other pesticides. To test sublethal effects of sulfoxaflor, azoxystrobin and their combination on learning ability and foraging performance of *O. bicornis*, a total of 14 experimental rounds with three treatment groups (i.e., sulfoxaflor, azoxystrobin, and mix) and control group were conducted from April to June 2021 in an artificial setup with two differently coloured artificial flowers (i.e., one rewarding colour and one non-rewarding colour) under controlled conditions at Agroscope, Reckenholz Zürich. After a single oral exposure to either 2000 ppb azoxystrobin, 100 ppb sulfoxaflor, their mix, or a control solution, a significantly negative effect of sulfoxaflor on learning was observed, while there was no such effect with regard to azoxystrobin. In terms of foraging performance, the exposure to sulfaxoflor or azoxystrobin had no effect. Furthermore, the results do not support negative synergistic effects between sulfoxaflor and azoxystrobin (i.e., mix).

Key words: Osmia bicornis, foraging, learning, sulfoxaflor, azoxystrobin, synergisms and antagonisms of substances, sublethal effects, artificial setup

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1. Introduction

1.1 General introduction

The *Osmia bicornis* is a solitary bee species which provides important pollination services to crops such as apple or cherry in Europe (James & Pitts-Singer, 2008; Sedivy & Dorn, 2014). However, as most pollinators in intensively managed agroecosystems, the species has to cope with many stress factors (Potts et al., 2016; Brown et al., 2016) such as food stress and exposure to pesticides. Synthetic pesticides are used virtually everywhere and globally in conventional agriculture, including organic products in organic farming. They help protect crops from pests and diseases and thus enhance crop production and quality (FAO and ITPS, 2017). Pesticides are composed of organic and inorganic chemicals that can be distinguished based on their mode of action or target organisms (e.g., insecticides, herbicides and fungicides; Bünemann et al., 2006; Imfeld & Vuilleumier, 2012). Although pesticides primarily target certain pest organisms, they often affect non-target organisms too (Devi et al., 2018; Imfeld & Vuilleumier, 2012). Bees and other pollinators are commonly exposed to a variety of pesticides in agricultural ecosystems (Krupke et al., 2012; Rortais et al., 2005) and are also often affected by them (e.g., higher mortality rate, less reproduction, and adverse sublethal effects on behaviour; Siviter et al., 2018a; Siviter et al., 2021; Palmer et al., 2013; PPDB, 2021). The broad and global scope of pesticide use therefore raises questions and concerns about pollinator safety and health. Awareness of this issue has increased in recent years and former insecticides, so-called neonicotinoids, that demonstrably have a negative impact on bees (van der Sluijs et al., 2013; Samuelson et al., 2016; Blacquiere et al., 2012; Peng & Yang, 2016; Smith et al., 2020), have been partly banned (e.g., thiamethoxam, clothianidin, imidacloprid, and thiacloprid are only prohibited outdoors; European Commission, 2018; European Commission, 2020). By contrast, more recent insecticides (e.g., sulfoxaflor, flupyradifurone, etc.), which are considered less harmful (Watson et al., 2011), experienced an uptrend as substitutes. However, studies on sulfoxaflor show several negative impacts on various bee species (Boff et al., 2021; Cheng et al., 2018; Taning et al., 2019; van der Sluijs et al., 2013). So far, the findings focus on increased mortality, impact on flight behaviour and reduced survival rates, with a primary research interest on honeybees and bumblebees (i.e., social bees; Samuelson et al., 2016; Cheng et al., 2018; Taning et al., 2019; Siviter et al., 2018b; Siviter et al., 2019), while research involving solitary bees is sparse (Azpiazu et al., 2021; Boff et al., 2021; Dietzsch et al., 2015). Fungicides, as the name suggests, are used against fungi. A widely used and broadly applied fungicide is azoxystrobin. The impact of fungicides on insects is rarely studied, assuming that their mode of action does not affect them negatively (Devillers, 2002; PPDB, 2021). However, fungicides can also have a negative impact on bees (Fisher et al., 2017; Christen et al., 2019). Moreover, fungicides have gained attention not only

because of their single application, but also because individual pesticides (i.e., insecticides and fungicides) form synergisms and antagonisms of substances (i.e., the combination of substances increases or decreases the effect of the individual substances; Ladurner et al., 2005; Cedergreen, 2014; Siviter et al., 2021).This is of great relevance to practice, as many different pesticides are usually applied to crops at the same time. Since the mode of action of both pesticides blocks either the signal transmission of nerve stimuli (sulfoxaflor; Sparks et al., 2013; Tan et al., 2017) or the mitochondrial respiration by interrupting the electron transfer of proteins (azoxystrobin; Kunova et al., 2012), the use of either or the joint use of both substances may cause sublethal effects (i.e., physiological or behavioural effects on insects that survive exposure to a pesticide; Hille-Rehfeld, 2020; Beiras, 2018) and influence the learning and foraging performance of *O. bicornis*. If learning and foraging performance are impaired, this likely reduces the efficiency of *O. bicornis* females which would have consequences on their life cycle duties (i.e., reproduction) and pollination (Straub et al., 2015; Böhme et al., 2018; Yang et al., 2012; Smith et al., 2020; Christen et al., 2019; Sgolastra et al., 2018).

In my master's thesis, I aim to find out how the pure substances of sulfoxaflor and azoxystrobin alone and in combination affect the learning ability and foraging behaviour of the solitary bee species *O. bicornis*. To answer my purpose, I conducted an experiment with female *O. bicornis* in flight cages with an artificial flower meadow under controlled conditions at Agroscope. The experiment took place from April to June 2021 and data from 198 bees were collected. My thesis is structured as follows: First, I will introduce the term solitary bees in general and the bee species *O. bicornis* with its foraging behaviour and learning ability in more detail. This is followed by the introduction of the focal pesticides of my study, their mode of action and their potential risks. This then leads me to formulate two hypotheses I address in my thesis. In the methods section, the detailed experimental setup and methodological and statistical approach are described. The results are divided into response variables on general foraging performance and learning. In the discussion section, my findings are put in context with results from prior literature. Implications are presented in the conclusion section. The calculations, the R-script, and the data sheet can be found in the appendix.

1.2 The solitary bee *O. bicornis* alias Red mason bee

Bees are known as important pollinators of wild and cultivated plants and are therefore considered essential for an intact ecosystem and agricultural production (Brandt et al., 2020; Garibaldi et al., 2013; Klatt et al., 2013). Traditionally, most pollination is attributed to honeybees or bumblebees, the so called social bees species. However, 85 percent of approximately 20'000 bee species worldwide are not considered social but solitary (Azpiazu et al., 2019*;* Batra, 1984). These solitary species do not necessarily fulfil the generally known bee clichés (i.e., honey, painful stiches, a single egg-laying queen and a hive with thousands of sterile workers; O'Toole & Raw, 1991). Each solitary female independently mates, builds its own nest with several brood cells, lays an egg and food in each cell without cooperating with others, and dies before the next generation emerges (Batra, 1984; O'Toole & Raw, 1991; Williams & Tepedino, 2003). However, solitary bee species contribute significantly to the pollination of wild and cultivated plants, often even more effectively (James & Pitts-Singer, 2008; Brandt et al., 2020). Garibaldi et al. (2013) state that an increase in visitation by wild insects promotes fruit set twice as much as a corresponding boost in visits of honeybees. Therefore, farmers in some parts of the world deliberately create space for wild bees to pollinate crops that cannot be sufficiently pollinated by honeybees (Batra, 1984; Greenleaf & Kremen, 2006; Beadle et al., 2019). *Osmia bicornis* is, unlike many other wild bee species which are ogliolectic (i.e., females only collect pollen from flowers of same plant genus; Amaya-Márquez et al. 2008), a polylectic bee species (i.e., females collect pollen from flowers of various plant genera; Gresty et al., 2018). This makes it an important pollinator of several crop species (Klatt et al., 2013) and wild plants (Westrich, 2019) that need or benefit from cross-pollination (Free, 1993). *Osmia bicornis* are also considered as the most common and economically important solitary bee species in Central Europe (Sedivy & Dorn, 2014). Despite being a common wild bee species, *O. bicornis* is also increasingly bred and managed commercially for crop pollination, particularly of fruit crops (peach, apricot, plum, cherry, apple, pear and almond; Beadle et al., 2019).

1.2.1 Life cycle of *O. bicornis*

Osmia bicornis is a central-European solitary bee species with an activity period from April to June (Radmacher & Strohm, 2010). Depending on weather conditions and food supply, the females live for about four to seven weeks, the males for two to three weeks after hatching (Wildbiene + Partner, 2021; Danforth et al., 2019). *Osmia bicornis* are cavity-nesting bees with one generation per year (i.e., females and males die after the brood period; Danforth et al., 2019). During their lifespan, single *O. bicornis* females forage, construct their own nest (i.e., approximately 4-30 brood cells) and provide their own offspring with nectar and pollen (i.e., the egg is laid on the larval provisions, a mixture of pollen and nectar; Westrich, 2021; Danforth et

al., 2019) directly after mating. Thanks to the high concentration of proteins in the pollen and the supply of nectar, the egg grows into a larva which continues to evolve rapidly. The pupation starts after three to four weeks inside the brood cell. Around August, depending on when the egg was laid, the metamorphosis is completed. A fully developed bee hibernates in its cocoon until spring (Fig. 1;Werner, 2013; Danforth et al., 2019; Wildbiene + Partner, 2021).

Fig. 1: The metamorphosis of an O. bicornis: 1. The fertilised egg is laid on a bed of pollen and nectar in May/ June. 2. The egg grows quickly into a larva due to the food supply in the brood cell (i.e., pollen and nectar). 3. The larva starts to spin a cocoon after three to four weeks inside the brood cell. 4. The cocoon is ready, the transformation from larva to bee starts and is completed around August. A fully developed bee hibernates in its cocoon. 5. The bee hatches in the following spring (Images by Werner, 2013).

1.2.2 Foraging and learning behaviour of *O. bicornis*

The chemical composition and thus the function for both pollinators and plants is different for nectar and pollen (Muth et al., 2016). Pollen represent the only source of protein in the diet of bees, whereas nectar represents a vital source of energy with sugar being its principal component (Nicolson, 2011). Moreover, the quantity and quality of nectar and pollen can influence foraging choices because the collection of nectar and pollen is expensive in terms of both time and energy (Thorp, 2000). Like other bees, *O. bicornis* have the ability to evaluate the quality and quantity of forage, and prioritise the choice of food plant species accordingly (Howell & Alarcón, 2007; Ahrenfeldt, 2019; Bukovinszky et al., 2016). An *Osmia* bee consumes approximately 30 µl nectar per day (Azpiazu et al., 2019). Preferring flowers with high sugar content reduces the number of flower visits required by the pollinator and thus minimises the energy required for foraging (Ahrenfeldt, 2019). To estimate the potential gain from rewards (i.e., sugar, nectar, and pollen), pollinators rely on flower signals, such as colour, shape, and scent that can indicate the state of reward of a plant (so called 'honest signals'; Knauer & Schiestl, 2015). Bees quickly learn associations between nectar and flower features (e.g., colour, pattern, scent, or texture) and use these features to find preferred flowers from a distance and nectar after landing (Muth et al., 2016). Bees are central-place foragers, with females flying between foraging sites and nests to supply brood cells with pollen and nectar. The distance between resources ultimately determines the bees' reproductive success (Zurbuchen et al., 2010; Hofmann et al., 2020): The further away the nest and food sources are from each other, the higher the bees' energetic and reproductive costs (Williams & Tepedino, 2003; Zurbuchen et al., 2010; Hofmann et al., 2020). Solitary wild bees forage only up to a few hundred metres from their nest and therefore nest in locations that provide both nesting material and the right food source, whereas the honey bee has a much larger operating

range of up to seven kilometres (bee-careful, 2021). Therefore, wild bees are much more limited in their choices and have to make the most of the plants in their immediate environment. This also includes remembering profitable sites.

For a long time, the ability to memorise and learn rewarding locations has been primarily attributed to social bees (Zhang et al., 2005; Cnaani et al., 2006), as their learning ability was generally assumed to be better due to the communication within the hive and the recognition of nest members (i.e., their social life history; Kamil, 2004). However, flower memory is related to spatial memory, that is, the ability to return to the hive or nest after foraging. Since every hymenopteran (i.e., an order category of insects) pollinator species needs to have this ability, social bees are no more special in their cognitive capabilities than solitary bees (Menzel, 2001a). Solitary bees are capable of learning and memorising localities. For example, the solitary bee species *Osmia lignaria* (blue orchard bee), prefers blue flower patches to yellow or white ones on an artificial meadow with differently coloured flower patches but with the same reward for every colour (Amaya-Márquez et al., 2008). However, when using different rewards (i.e., white flower patches contain a larger reward volume), *O. lignaria* learns to prefer white flower patches to blue ones (see Amaya-Márquez et al., 2008). Since *O. bicornis*, as most solitary species (O'Toole & Raw, 1991), have relatively short activity periods (i.e., April until mid-June; Radmacher & Strohm, 2010), they need to learn quickly how to exploit the preferred flowering plants efficiently. To achieve this, learning to discriminate between more or less rewarding plant species and remembering locations of preferred flowering plants is important (Radmacher & Strohm, 2010). Male *O. bicornis* are also capable of learning. However, this is less about learning where the best food sources are than knowing where females are most likely to forage (Eickwort & Ginsberg, 1980). These cognitive abilities involved in learning to discriminate between more or less rewarding floral resources and their spatial distribution, and thus to increase foraging efficiency, may, however, be compromised by pesticides interfering with the proper processing of information and the functioning of the nervous system in bees, such as sulfoxaflor (Siviter et al., 2018a; Palmer et al., 2013).

1.3 Pesticides

1.3.1 Sulfoxaflor (insecticide)

The insecticide sulfoxaflor was launched in 2011 (Hille-Rehfeld, 2020) after the partial ban of neonicotinoids (i.e., class of systemic insecticides) in Europe due to their observed negative impact on non-target organisms, in particular bees (van der Sluijs et al., 2013; Samuelson et al., 2016; Siviter et al., 2018a; Siviter et al., 2018b), and growing resistance among the actual target organisms (i.e., sap-feeding insects; Nauen & Denholm, 2005). Since then, plant protection products containing sulfoxaflor have been used in many European countries, such

as Germany and Austria (but not yet in Switzerland), for the cultivation of, for example, tomatoes, eggplants, cucumbers, melons, wheat, rye and barley (PPDB, 2021). Sulfoxaflor has a similar pest spectrum as neonicotinoids and is therefore effective against a range of sucking insects (Cutler et al., 2013; Babcock et al., 2011). It also has a similar mode of action as neonicotinoids through the disruption of the acetylcholine neurotransmitter signalling at the corresponding nicotinic acetylcholine receptors (Cutler et al., 2013; Jeschke & Nauen, 2005; Babcock et al., 2011; Sparks et al., 2013; Tan et al., 2017), albeit implemented differently due to electrophysiological and radioligand (i.e., specific substance that can bind to receptor; Spektrum.de, 2021) binding techniques which are distinct from commercial neonicotinoids (Watson et al., 2011). Given other known sulfoxaflor characteristics (i.e., metabolic stability, novel chemical structure, and lack of cross-resistance), the substance likely interacts differently with the nicotinic acetylcholine receptors than the common known neonicotinoids (Watson et al., 2011).

The nicotinic acetylcholine receptors are situated primarily in the bilaterally symmetrical mushroom bodies (Peng & Yang, 2016; Bicker, 1999). Mushroom bodies are considered as insects' higher level brain structures and are assumed to be related to learning, memory (Zars, 2000; Heisenberg, 2003), as well as cognitive processes and the control of complex behaviours such as the creation, consolidation and retrieval of olfactory memories (Fahrbach, 2006; Heisenberg, 1998; Menzel, 2001b; Belzunces et al., 2012; Blacquiere et al., 2012). The binding at the nicotinic acetylcholine receptors in these sensitive region of the bees' brain can cause hyperexcitation that eventually leads to the insect's death (Matsuda et al., 2005) or can cause sublethal effects (i.e., physiological or behavioural impairments on bees that survive exposure to a pesticide; Hille-Rehfeld, 2020; Beiras, 2018; Sandrock et al., 2014). For example, Yang et al. (2012) found that honey bee larvae which had been fed with a sublethal dose of a neonicotinoid (i.e., imidacloprid) evolved into adult bees but showed reduced olfactory learning ability. Smith et al. (2020) made a similar observation and showed that bumblebee adults which had experienced in-hive exposure to a neonicotinoid (i.e., feeding of imidacloprid-spiked nectar substitute) during brood and/or early-stage adult development had an impaired learning performance and lower likelihood of responding to a sucrose reward in an olfactory memory test. Furthermore, the micro-computed tomography scanning and segmentation of the brain's mushroom bodies indicated reduced growth of calyces compared to unexposed bumblebee workers (Smith et al., 2020). The cup-shaped calyces in the mushroom bodies are important regions for sensory input and consist of many Kenyon cell dendrites (i.e., intrinsic neurons; Fahrbach, 2006; Menzel, 2012). Moreover, there are structures in the calyces (i.e., micro-glomerulus) that consist of many synaptic units and are used as an indicator of neuronal connectivity during maturation in studies (Groh et al., 2006;

Hourcade et al., 2010; Krofczik et al., 2008; Peng & Yang, 2016). Therefore, reduced growth of calyces caused by neonicotinoids leads to restricted neural development in the bee's brain.

Sulfoxaflor in particular is toxic to honeybees and bumblebees (PPDB, 2021). Several studies show increased mortality of honeybees and bumblebees at relatively high doses (i.e., sulfoxaflor residues of 5000 ppb; see Cheng et al., 2018; see also Taning et al., 2019). According to Azpiazu et al. (2021), *O. bicornis* is even more sensitive to sulfoxaflor than these two social bee species if survival curves after different sulfoxaflor once-exposures are considered. Moreover, Boff et al. (2021) observed decreased survival rates and changes in flight behaviour and flower visitation rates of female *O. bicornis* after repeated oral exposure of 50 ppb sulfoxaflor. However, despite the common mode of action of sulfoxaflor and neonicotinoid insecticides, no studies so far have demonstrated negative effects of sulfoxaflor on bee cognition (see Siviter et al., 2019), and extant studies examined impacts of the insecticide on social bees (e.g., honey bees or bumblebees). According to Azpiazu et al. (2021), sulfoxaflor is certainly less toxic than imidacloprid (and other neonicotinoids such as thiamethoxam and clothianidin whose application is banned outdoors; European Commission, 2018; European Commission, 2020), but still more toxic than other neonicotinoids that were still in use in the EU at the time of the study (i.e., acetamiprid, thiacloprid). Due to its mode of action, it is assumed that it likely interferes with the cognitive processes of insects.

1.3.2 Azoxystrobin (fungicide)

The fungicide azoxystrobin, introduced in 1996 (Kempe, 2009), belongs to the class of strobilurins (Syngenta, 2021) and is a globally authorised and heavily used pesticide (Bartlett et al., 2002). In many European countries, including Germany, Austria, and Switzerland, various plant protection products containing this active ingredient are authorised (PPDB, 2021). Azoxystrobin has systemic and translaminar properties (i.e., the substance enters the plant via the surface by spraying, distributes evenly inside the plant and affects the whole organism; Kempe, 2009) and has mainly protective, eradicative and curative effects (i.e., it is used as preventive protection, as a cure after a fungal infestation, or to eliminate the pathogen from the host; Ivic, 2010). It is used against a wide range of fungal diseases in crop, rice, fruit, potatoes, tomatoes, and wine (Kempe, 2009). Azoxystrobin can be commonly found, similar to other pesticides, in bees and bee-collected materials (Mullin et al., 2010; Sanchez-Bayo & Goka, 2014). However, azoxystrobin, similar to fungicides in general, is thought to be safe for bees and has not been studied extensively in this context (Devillers, 2002).

Azoxystrobin inhibits mitochondrial respiration by blocking electron transfer at cytochromes (i.e., membrane-bound proteins; Brandt et al., 1988; Reuveni & Sheglov, 2002) leading to the death of the target organism and has been shown to act anti-sporulation to some extent (Kunova et al., 2013). Blocking the electron transfer at cytochromes also disrupts the energy

cycle by halting Adenosine triphosphate (ATP) production (Bartlett et al., 2002). ATP is the universal and immediately available energy source in cells (i.e., nucleotide) and therefore an important regulator of energy-producing processes (Knowles, 1980). According to Christen et al. (2019), fungicides that affect metabolism in fungi can also interfere with the metabolism in insects. In their study with adult honeybees, they found some evidence that azoxystrobin can impact expression of genes that regulate the energy metabolism or hormonal system in honeybees. They concluded that an impaired energy production may reduce foraging activity and interfere with the hormone balance (e.g., the conversion of nurse bees to foragers; Christen et al., 2019). Moreover, in combination with other fungicides, azoxystrobin can also increase mortality of worker honeybees (Fisher et al., 2017). In fact, more attention has recently been drawn to fungicides due to observed interactions with other fungicides or insecticides (Azpiazu et al., 2021; Thompson et al., 2014; Sanchez-Bayo & Goka, 2014; Pillings et al., 1995).

The exposure to fungicides and insecticides at the same time may lead to synergism or antagonism of substances (Ladurner et al., 2005; Cedergreen, 2014; Böhme et al., 2018). Thus, different pesticides might interact with each other and bees' health and cognition could be impacted more severely if bees are exposed to combinations of substances as compared to single substance exposure (Zhu et al., 2017; Krupke et al., 2012). 'Non-hazardous' substances could therefore suddenly become dangerous in combination with other 'non-hazardous' substances. For example, Siviter et al. (2021) found in their meta-analysis a synergistic effect of combined agrochemicals (i.e., the effect of combined agrochemicals is significantly higher than the combination of the two individual effects) on bee mortality and Thompson et al. (2014) state that synergism increases with increasing fungicide dose. Moreover, the study by Azpiazu et al. (2021) indicates significant synergistic effects between the insecticide sulfoxaflor and fungicide fluxapyroxad on survival probability, to which *O. bicornis* and honeybees were particularly sensitive. Additionally, Sgolastra et al. (2018) found synergistic interaction between the neonicotinoid clothianidin and the fungicide propiconazole. The mixture of the two substances led to reduced survival probability and delayed ovary maturation of *O. bicornis*. Both impacts combined result in a limited longevity, which implies a shortened nesting period and therefore an affected fertility in *O. bicornis* (Sgolastra et al., 2018).

1.3.3 Potential risks

If food plants are contaminated with pesticides, impacts on populations of solitary bees such as *O. bicornis* are predicted to be stronger compared to social bees (i.e., honey bees), as social bees build very large colonies of up to several thousand workers, which are considered to be a more resilient superorganism (i.e., due to their social life history, they should be better

able to tolerate or buffer stressors such as pesticides in contrast to solitary bees, in which impacts on nesting females should have direct fitness consequences; Straub et al., 2015; Böhme et al., 2018). The *O. bicornis* female has only a short active phase of four to five weeks, during which each individual female must perform its life cycle duties (i.e., foraging, reproducing, preparing brood cells, etc.), which requires efficiency (Radmacher & Strohm, 2010). Assuming that the *O. bicornis* female is now affected by sulfoxaflor in its brain activity (Yang et al., 2012; Smith et al., 2020) or by azoxystrobin in its energy budget (Christen et al., 2019), both would lead to reduced foraging activity and efficiency. In case of sulfoxaflor the bee would be less able to remember the locations of the more rewarding flowers and would spend a lot of energy and time on less rewarding flowers. In case of azoxystrobin, the bee might become lazier due to the disturbed energy balance and would therefore lose efficiency. Based on the assumption that the *O. bicornis* female visits fewer flowers due to its reduced foraging activity, this would also have an effect on pollination. Assuming now the combination of the two substances and a synergistic effect according to Sgolastra et al. (2018), this would also affect the fertility of *O. bicornis*. In summary, with the presumed single and combined potential effects of sulfoxaflor and azoxystrobin, the *O. bicornis* would collect, pollinate and reproduce less per day of a shorter lifespan. In the long-term, this could lead to the extinction of the species and the disappearance of an important pollinator.

1.4 Objectives and hypotheses

The aim of this master's thesis is to investigate and assess the individual and interaction effects of field-realistic doses of azoxystrobin and sulfoxaflor on foraging performance and learning behaviour of female *O. bicornis* (i.e., their ability to learn which differently coloured artificial flowers offer them rewards, hereafter learning ability or simply learning). The experiment to address these objectives was conducted under controlled conditions in the greenhouse from April to June 2021 at Agroscope's experimental field station in Zurich, Switzerland (Agroscope Reckenholz). It is hypothesised that *O. bicornis* has the ability to learn and remember the colour of a rewarding food source, but that the pesticide exposure will impair their learning ability as well as foraging behaviour.

If bees' learning is affected by pesticides, this could be reflected in reduced foraging efficiency. For example, bees may repeatedly fly to the less rewarding flowers because they do not learn correctly where the more rewarding flowers are. Alternatively, they may need more time to learn where the more rewarding flowers are and spend a lot of energy on non-rewarding flowers. Furthermore, it could be that the bees need more time to start foraging, or that they forage less (i.e., apathetic behaviour) or more (i.e., hyperactive behaviour) than those bees without pesticide influence.

Thus, the following specific hypotheses are proposed:

1) The insecticide sulfoxaflor impairs foraging performance and learning ability of *O. bicornis* females.
2) The fungicide azoxystrobin impairs foraging performance and learning ability of *O. bicornis* females.
2) Foraging performance and learning ability of *O. bicornis* females exposed to a combination of sulfoxaflor and azoxystrobin are reduced more strongly than those of bees exposed to either sulfoxaflor or azoxystrobin.

Therefore, this master's thesis essentially centres on a specific human impact on the environment. It is relevant to theory and practice as it focuses on the impact of pesticide use on a bee species that, compared to honeybees and bumblebees, has not been widely known nor researched but is extremely important to pollination and thus for agriculture and humans. In addition, this master's thesis provides further knowledge about the learning behaviour of *O. bicornis*, which has hardly been researched yet.

2. Methodology

2.1 Experimental setup and design

I have tested for differences in the foraging performance and learning ability of bees exposed to field-realistic doses of pesticides (azoxystrobin, sulfoxaflor, or their combination) and those of control bees (no exposure to pesticides, acetone control only) utilising a novel experimental setup using artificial flowers (Fig. 2).

Fig. 2: Three 1.4 m x 1.4 m experimental flight cages were installed in a sheltered space (greenhouse) under controlled (i.e., light and temperature) environmental conditions.

Freshly emerged *O. bicornis* females, naïve with respect to foraging, were acclimatised to foraging on artificial flowers (i.e., circular white paper flowers with a diameter of 4.5 cm on wooden cylinders with a modified Eppendorf tube in the middle hole, installed on green meadow) for one week in a 1.4 x 1.4 m cage in a sheltered space under controlled environmental conditions (greenhouse at Agroscope Reckenholz). During the acclimatisation week, all artificial flowers contained sugar. On average, about 80 bees were released per cage and per experimental round, and a total of 14 experimental rounds were carried out (Fig. 3). Prior to the release, the bees were marked with numbers (number tags glued on the bees' thorax; Fig. 4).

Fig. 3: Freshly emerged O. bicornis females were released into the 1.4 x 1.4 m cage to acclimatise them to the artificial experimental setup for a week.

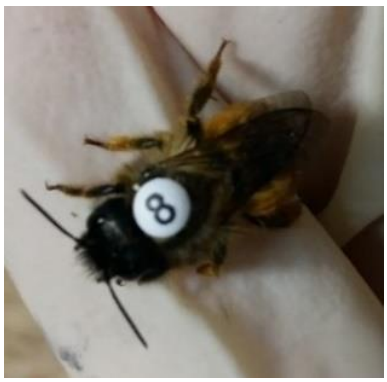


Fig. 4: The bees were marked with number tags glued on the bees' thorax prior to release. In this way, the bees got used to the number plates during the acclimatisation week and a later differentiation of the individual bees was possible.

In the following experiment session, the females were caged individually in NICOT systems (Fig. 5; i.e., a modular system originally developed for queen breeding: The bees can be locked away in single tubes and can thus be isolated and fed individually; Bienen-SH, 2021). The bees were once fed with 5 µl 33 % sugar solution (on the basis of tapwater) containing a field-realistic dose of one agrochemical (i.e., 2000 ppb residue scenario for azoxystrobin; see Schatz & Wallner, 2009, and 100 ppb residue scenario for sulfoxaflor; see 2.3.1 Pre-Tests (2021), and the combination of the azoxystrobin and sulfoxaflor dose) or a control sugar solution with acetone only. Per standard, the agrochemicals were also dissolved with acetone before they could be mixed with the sugar solution. Thus, the experimental setup corresponded to a full factorial design with three conditions (i.e., azoxystrobin, sulfoxaflor, and mix) and a

control treatment. In each experimental round, only those bees that completely consumed the solution were transferred into the training cage (hereafter referred to as ‘feeders’). The ‘non-feeders’ were excluded from the experiment.

Fig. 5: NICOT systems were prepared by pipetting 5 µl of prepared solution into the provided cup. Afterwards, the females were individually placed into the tubes and left to feed on the pesticide solution for approximately one hour.

Subsequently, the feeders were transferred to the flight cages containing a total of 30 artificial flowers of two different colours, yellow and pink (15 flowers each), which are equally preferred by mason bees (as confirmed by extensive pretests at Agroscope, unpublished data). Flowers of one colour contained a reward (i.e., 33 % sugar solution), whereas flowers of the other colour only contained tapwater. The rewarding colour was alternated between different experimental rounds to rule out any potential confounding effects of flower colour and reward. The females were left to forage on the artificial flowers inside the cage for about three hours and the sequence of their flower visitations, the colour of the visited flowers, and their general behaviour (i.e., time to first visit, number of visited flowers per time, and the covered flight distance according to a grid raster across which artificial flowers were arranged) were recorded (Fig. 6). The arrangement of the flowers was randomized every hour. The experimental procedure with this setup was repeated 14 times during April, May and June in different experimental rounds with new sets of bees in each round in order to gather enough replicates (i.e., 25-30 bees) per treatment.

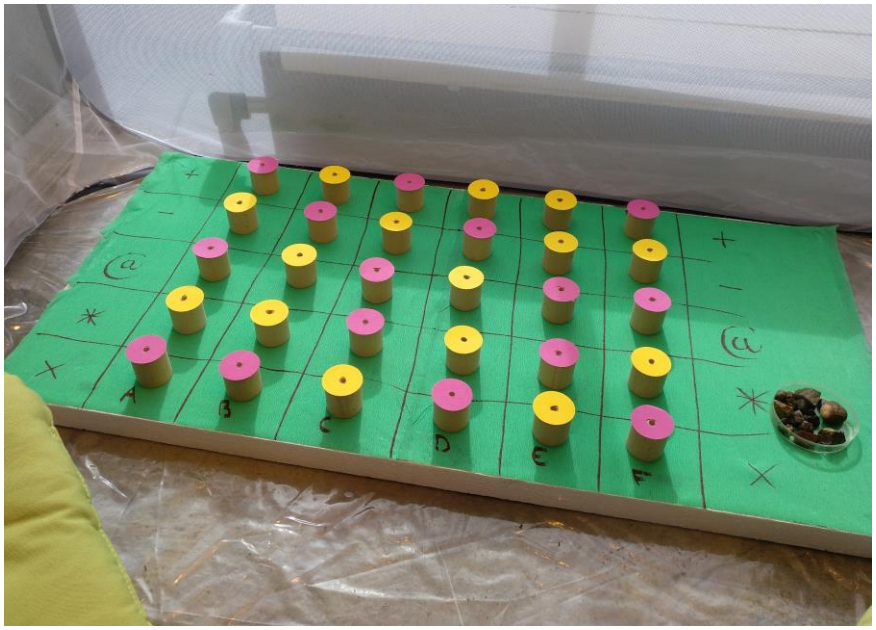


Fig. 6: The experimental setup: 15 yellow and 15 pink flowers (i.e., a total of 30) were randomly arranged on a gridded area consisting of 30 grid cells. The flowers of one colour were filled with 0.5 µl of 33 % sugar solution, the flowers of the other colour with 0.5 µl of tapwater.

2.2 Preparation of study organism and training setup

Female *O. bicornis* provided by Wildbiene + Partner AG were left to hatch from their cocoons at room temperature from April 2021 according to their experimental round (Fig. 7). As soon as enough bees of a corresponding experiment group hatched, they were marked by attaching numbered plates to their thorax (Fig. 8) and released in one of the three 1.4 m x 1.4 m experimental flight cages, which were placed in a greenhouse at Agroscope Reckenholz (Fig. 2).

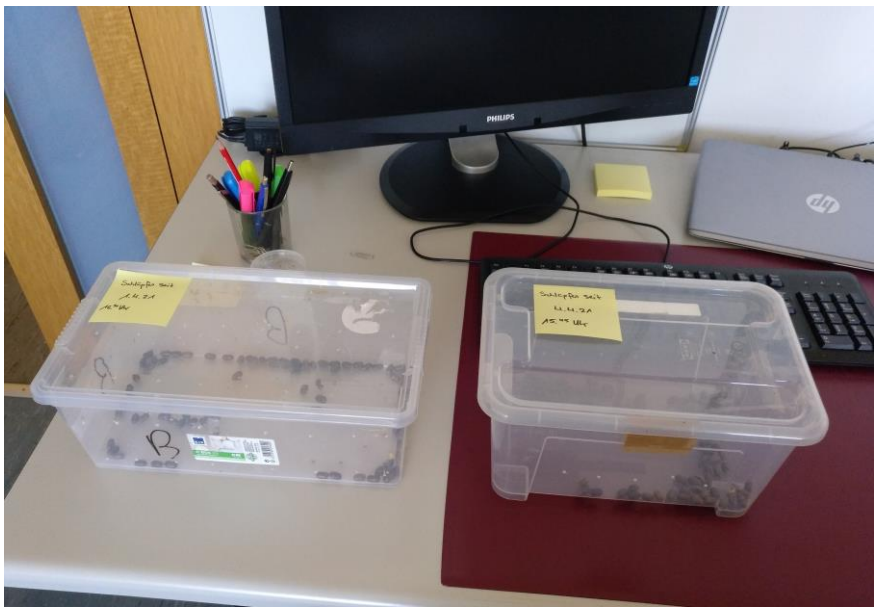


Fig. 7: According to their experimental round, a total of 80 female O. bicornis were left to hatch from their cocoons at room temperature.

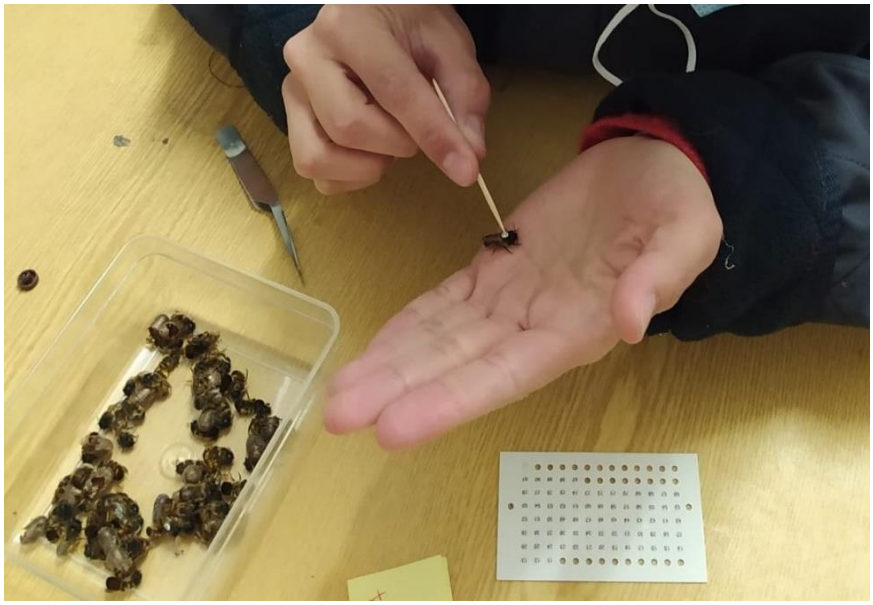


Fig. 8: Every female O. bicornis was individually marked by attaching numbered plate to its thorax. The marking was done in a climate room at 4 °C in order to calm the bees and make handling easier.

For the females to get used to locating and handling the artificial flowers, they were held inside the cage for one week (duration tested in pre-experiments in 2020). A total of 35 white artificial flowers (i.e., circular paper flowers with a diameter of 4.5 cm on wooden cylinders (4 cm x 4 cm) and a modified Eppendorf tube; Fig. 9) containing 33 % sugar solution were provided and re-filled daily. Additionally, fresh apple tree pollen (purchased from l'Abeille Heureuse), and a fresh water dish were offered. The bottom of the cage was covered with green paper to imitate meadow (see also Boff et al., 2021). Moreover, a wooden bee home with cavities for roosting was installed inside the cage (Fig. 10). The bees acclimatised quite well to the artificial setting (i.e., food intake via artificial flowers) and survived the acclimatisation phase in acceptable numbers (i.e., approximately 50 out of the initially 80 released bees survived on average).

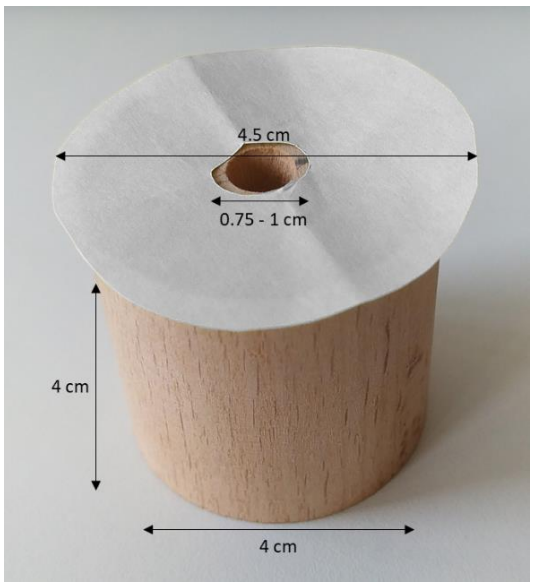


Fig. 9: Artificial flower used in acclimatisation cages: circular paper flowers with a diameter of 4.5 cm on wooden cylinders (4 cm x 4 cm) holding the Eppendorf tube (diameter of cavity: 0.75 cm, depth 1.3 cm).

Fig. 10: Acclimatisation setup: White artificial flowers containing 33 % sugar solution were placed with a cup of fresh apple tree pollen and a fresh water dish inside a cage in the greenhouse at Agroscope. A wooden bee home with cavities for roosting was placed in one corner of the cage.

I used white flowers during the acclimatisation week to prevent the bees from already developing colour preferences for pink or yellow during acclimatisation. The assumption developed that bees might have individual preferences during the acclimatisation week, which means that if they learn that their first preference (e.g., yellow) is always rewarding, they do not change their first choice in colour for the experimental session. Moreover, they might be confused when their always rewarding colour choice suddenly only contains water during the experimental session (i.e., they could doubt the honest signal; Knauer & Schiestl, 2015). For these reasons, the bees only became acquainted with the coloured flowers during the experimental session. The fact that the bees might miss the white flowers from the training session during the experiment was dismissed due to the stronger natural preference for yellow and pink flowers (as confirmed by extensive pretests at Agroscope, unpublished data).

2.3 Pesticide exposure

As active ingredients of pesticide products, the pure substances azoxystrobin and sulfoxaflor were used in this experiment, rather than products also containing additional substances such as dissolvents. Azoxystrobin (100 mg, PESTANAL analytical standard) was purchased from Sigma Aldrich, Switzerland. Sulfoxaflor (10 mg, reference standard) was purchased from Greyhound Chromatography, UK. For preparation of solutions, substances were first solved in acetone and subsequently diluted with 33 % sugar solution to the desired concentrations. The bees' pesticide exposure happened once on the corresponding experimental day using NICOT systems (Fig. 5). The bees were once given a dose of 2000 ppb azoxystrobin (azo), 100 ppb sulfoxaflor (sul), a combination of these two (mix) or 33% sugar solution with acetone only

(con) on the experimental day (i.e., four experimental groups). For all treatments, I used non-distilled water (i.e., tapwater) and acetone which imitate the natural exposure of bees to pesticides due to their solubility in diet (Wilkins et al., 2013). In line with comparable prior studies (see Siviter et al., 2019; Siviter et al., 2018b; Thompson et al., 2014), there was no 'water only' control group. Since a bee drinks approximately 30 µl per day (Azpiazu et al., 2019) but only 5 µl are fed to the bees in the NICOT-systems, the 6-fold concentration was contained in these 5 µl (see appendix for calculations).

2.3.1 Pre-experiment to define sulfoxaflor dose

The aim of the pre-experiments was to find a dose that can be considered worst case field-realistic and that could potentially influence the bees' behaviour without being lethal to some bees. However, studies report different residue levels of sulfoxaflor found in nectar (Cheng et al., 2018; Appeltauer, 2017; Siviter et al., 2018b) and different dosages have been suggested to represent field-realistic exposure levels for bees (Azpiazu et al., 2021; Boff et al., 2021; Siviter et al., 2019). In the study of Appeltauer (2017), apple trees were treated with a dosage of 48 g a.i. sulfoxaflor (i.e., highest permitted spray rate) to investigate pesticide residues in nectar. After one day of application, the residual level in nectar was 170 ppb. This value was defined as worst case scenario. Based on this worst case value and the study of Boff et al. (2021) who observed first sublethal effects at a repeated exposure of 50 ppb sulfoxaflor in *O. bicornis*, the pre-test concentrations were defined as follows: 50 ppb, 100 ppb and 150 ppb.

Fig. 11: The pre-experiment took place in a 0.5 x 0.5 m cage with real flowers, where the bees were observed for about two hours after receiving their corresponding sulfoxaflor dose (50 ppb, 100 ppb or 150 ppb) in the NICOT-systems.

In a pre-experiment conducted on 12th April 2021, a total of 45 females *O. bicornis* were assigned to three treatment groups in which bees were exposed to different sulfoxaflor doses

after starvation overnight: i.e., 50 ppb, 100 ppb and 150 ppb; 15 bees per treatment). A total of 39 out of 45 bees consumed their 5 µl 33 % sugar solution with the corresponding sulfoxaflor dose in their NICOT system and were used as 'feeders' in the subsequent experiment (Fig. 11). The behaviour of the bees was assessed qualitatively for about two hours. Differences in general behaviour, flying and foraging across the three treatments could be observed. Many bees of the 150 ppb treatment group were apathetic, while bees in the 50 ppb treatment group seemed to be hardly affected. The bees with the 100 ppb treatment showed occasional apathetic behaviour but the majority of the bees from this treatment showed normal flight behaviour and a general normal foraging behaviour. Based on these observations, we decided to use a dosage of 100 ppb sulfoxaflor in the following experiments.

2.4 Experimental session

Two days before the experimental pesticide exposure, all artificial flowers of the acclimatisation phase were removed from the cage. Only the water dish remained for the pre-day of the experiment in order to maximise the probability that the bees would consume high enough quantities of differently treated sugar water (Fig. 12). The water was deliberately not filled into the flowers to prevent false conditioning (i.e., the artificial flowers should always be associated with sugar water (e.g., reward)). Moreover, the evening before the pesticide exposure, the bee home containing the roosting females was covered with a fine mesh and placed at 4 °C overnight. On the experimental day, the NICOT systems were prepared by pipetting 5 µl of one of the four solutions (azoxystrobin, sulfoxaflor, mix or control) into the provided cup. Then, the marked females were individually and randomly placed into the systems in the climate chamber. Subsequently, they were positioned at room temperature and left to feed on the corresponding solution for one hour (Fig. 12). The cups in the NICOTs from which females consumed the differently treated sugar water were afterwards inspected and bees were classified as feeders or non-feeders, depending on whether they completely consumed the solution or not (i.e., on average, two to three bees per treatment and per experimental round did not eat the corresponding solution). Only feeders were included in the experiment.

Fig. 12: Osmia bicornis females were individually and randomly placed into the NICOT systems and were positioned at room temperature and left to feed on 5 µl of one of the four solutions (azoxystrobin, sulfoxaflor, mix or control) for one hour.

2.5 Study procedure

On the experimental day, the artificial 'flower meadow' was prepared as follows: 15 yellow and 15 pink flowers (i.e., total of 30) were randomly arranged on a grid. To each inflorescence, a modified Eppendorf tube was attached, where small quantities of sugar water could be filled in such a way that the bees were able to reach it. The flowers of one colour were filled with 0.5 µl of 33 % sugar solution, flowers of the other colour with 0.5 µl of tapwater (the colour assigned to the sugar solution treatment was alternated across experimental rounds). After the NICOT-system and the complete consumption of the corresponding solution, *O. bicornis* females were released inside the cage (Fig. 13).

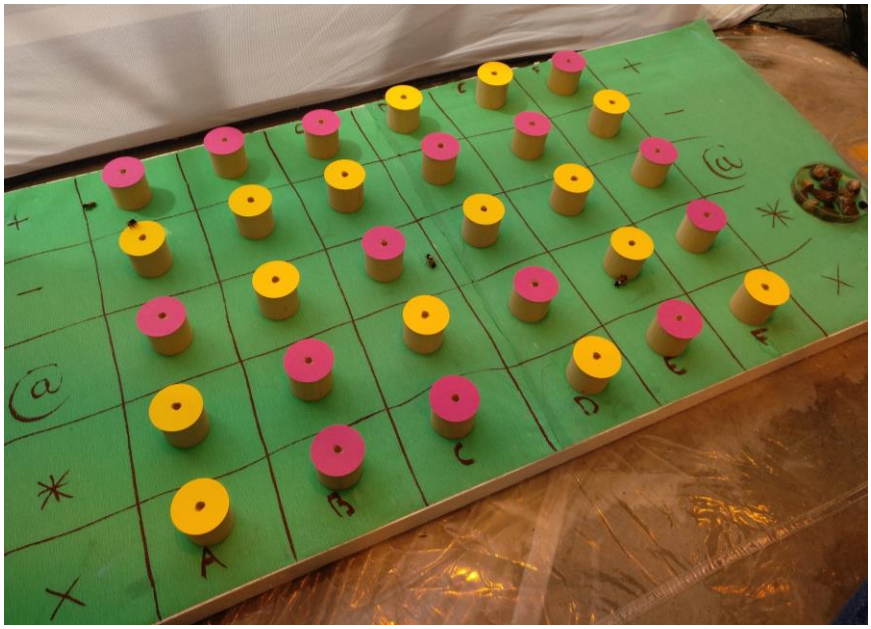


Fig. 13: Study procedure: The females O. bicornis were released in a cage with 30 artificial flowers, 15 of them yellow, the other 15 pink. The flowers of one colour were filled with 0.5 µl of 33 % sugar solution (i.e., rewarding flowers), flowers of the other colour with 0.5 µl of tapwater (i.e., non-rewarding flowers). The bee's colour choice and grid position were then observed and recorded for each flower visit over approximately three hours.

Subsequently, the colour and grid position of each visited flower, the sequence in which bees visited the flowers and the general foraging behaviour of the bees were recorded during the experimental session using a voice recorder and transcribed afterwards. After each visit, the flowers that contained sugar water were re-filled with 0.5 µl of water or sugar solution. Due to the gridded artificial meadow, the corresponding position of the flower was known each time the bee visited the flower (Fig. 14).

A+	B+	C+	D+	E+	F+
A-	B-	C-	D-	E-	F-
A@	B@	C@	D@	E@	F@
A*	B*	C*	D*	E*	F*
Ax	Bx	Cx	Dx	Ex	Fx

*Fig. 14: The grid of the 'artificial meadow': letters (i.e., A, B, C, D, E and F for the horizontal axis) and signs (i.e., +, -, @, * and x for the vertical axis) were deliberately used here to avoid confusion with the bee numbers during recording.*

The position of the flowers on the grid were randomized regularly (e.g., every hour) to prevent that the females learn the spatial position of rewarding flowers within the cage. The experiment ran for approximately three hours. To get enough replicates (i.e., 25-30 feeders per treatment group which actually could be observed while foraging on the artificial flowers during the experimental session), the whole experimental setup was repeated 14 times from April to June.

2.6 Statistical analysis

To address the research questions, I applied Linear Mixed-Effect models and Generalised Linear Mixed-Effect models using the statistical software R (R Development Core Team, 2020) with the package lme4 (Bates et al., 2015). Dependent on the characteristics of the response variable, I checked the data for normal distribution using the Shapiro-Wilks Test and QQ-Plots. In case of a non-normal distribution of continuous response variables, I applied a square root transformation to the data or assumed a particular distribution of the data (i.e., Poisson error distribution for count data; Binomial error distribution for proportional and success-failure data). To evaluate whether the pesticides had a significant influence on the response variables, likelihood ratio tests via the function drop1 (i.e., drop1, single term deletions using Satterthwaite's method; R Development Core Team, 2020) were used (Luke, 2017; Zuur et al., 2009). In all statistical analyses, a significance level of $\alpha = 0.05$ was considered to represent significant differences.

2.6.1 Foraging performance

The effects of sulfoxaflor, azoxystrobin and their potential interaction effects on the foraging performance of *O. bicornis* were tested focusing on four response variables (i.e., visitation rate, time to first visit, total distance and relative distance per bee per treatment). 'Visitation rate' describes how many flowers, regardless of their correctness (i.e., visits of rewarding flower colour are considered as 'correct', visits of non-rewarding flower colour are considered as 'incorrect') and dependent on the observation time, were visited per bee and per treatment. 'First visit' expresses the time period from the release of a bee in the flight cage until it was first observed foraging on an artificial flower. The 'total distance' represents the sum of all flight distances covered by the bee when flying from flower to flower while foraging according to the spatial distribution of flowers across the gridded meadow. Therefore, the single distances are derived from the flower positions in the defined grid and are relative to the previous flower visit (see Fig. 15). For example, if a bee has flown from the flower position A_x to the flower positions A*, B* or B_x, these distances are assigned a value of 1 (i.e., first neighbour). If, on the other hand, it flew to $A_@$, $B_@$, $C_@$, C* or C_x, these distances are assigned a value of 2 (i.e., second neighbour), and so on. The maximum distances from A_x could have been reached in the fields F+, F-, $F_@$, F* and F_x and are rated 5, but if the bee returned to the same flower as before, this distance is scored 0. However, the total distance does not say anything about whether the bees flew many small distances or a few large distances from flower to flower. Therefore, I also used the average flight distance from flower to flower over all visits of a bee, i.e. the 'relative distance' as a response variable.

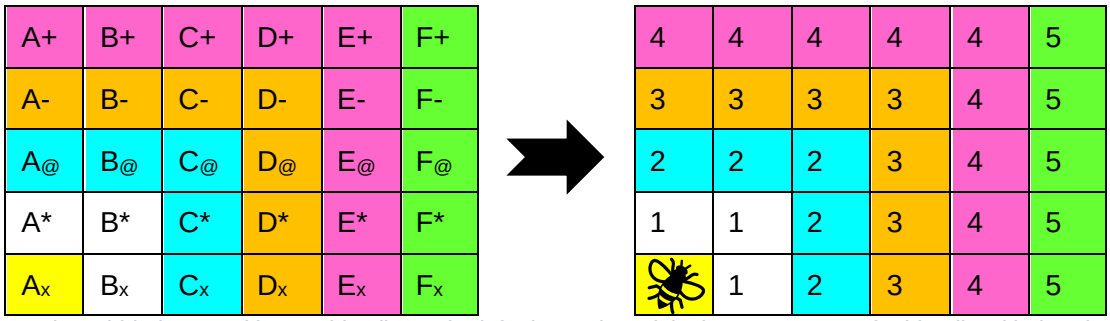


Fig. 15: The gridded area with 30 grid cells on the left shows the original arrangement of grid cells with the absolute letter-symbol combinations as field labels whereas the gridded area on the right shows the relative distance ratings to the position of the bee in field Ax. If the bee flies for example, from Ax to Fx, this is evaluated as 5. (The colours in this illustration only serve to illustrate the distance rating.)

For the variables 'visitation rate' and 'first visit', Linear Mixed-Effect models with sulfoxaflor (factor with two levels: Sulfoxaflor present or not), azoxystrobin (present or not) and their interaction as explanatory fixed effects, and the experimental sampling round as a random factor were used. To standardise visitation rate, the number of total visits per bee per treatment was divided by the total observation time. In the Linear Mixed-Effect model for the variable 'total distance', which does not differ in its general structure from the models for the variables 'first visit' and 'visitation rate', the observation time is not used for normalization but taken into account as fixed covariate in the model (in addition to the sulfoxaflor and azoxystrobin factors). The variable 'relative distance' follows a Poisson distribution (all bees flew relative distances between 1 and 2, using poisson.test; R Development Core Team, 2020). Therefore, a Generalised Liner Mixed-Effect model with the same fixed effects (i.e., sulfoxaflor, azoxystrobin and their interaction), including unique bee ID, nested within sampling round as random factors was run.

2.6.2 Learning

To check for effects of sulfoxaflor, azoxystrobin and their interaction on learning ability, I coded each flower visit made by the bees as 'correct' (1) or 'incorrect' (0), depending on the rewarding colour (i.e., yellow or pink) in a particular experimental round. From this binominal data, a 'proportion correctness' could be derived over all visits. Thus, learning was assessed as the change (slope) of correctly probed flowers (i.e., flowers of the colour offering a reward) by an individual bee over the sequence of subsequently visited flowers during the observation time of an experimental round. Hence, a significant interaction term of this 'learning curve' with pesticide treatments (sulfoxaflor, azoxystrobin) indicates significant effects of pesticides on learning (Fig. 20; see also Amaya-Márquez et al., 2008). For comparability across treatments, I defined thresholds to the number of visits: For each treatment, at least 15 bees should have completed the corresponding visit and a visual saturation should have been visible in the learning curves. The saturation, which was visually inspected in plots of learning curves across pesticide treatments, and the minimum number of 15 bees per treatment were firstly given at

the 45th visit. Therefore, visits after the 45th visit were excluded from the analyses, as they were considered not reflecting learning anymore since the saturation of learning curves was reached. To model 'learning', I used a Generalised Liner Mixed-Effect model with binomial error distribution. The increase in 'correct' flower visitation decisions (i.e., visits of flowers of the 'correct' colour that provide sugar water rewards) with increasing number of probed flowers over time (i.e., number of visits) were included as fixed effects in the model. In addition to the experimental sampling round and the unique bee ID as random factors, the number of visits was integrated as a random slope (Heisig & Schaeffer, 2019) in the model. By including a random slope, the learning model takes into account that the learning ability of each individual bee is different per se.

3. Results

A total of 14 experimental rounds were conducted from April to June 2021. In seven rounds, the rewarding artificial flower colour was pink, while it was yellow in the other seven rounds. During the experiments, data from 198 bees (i.e., feeders, consumed the corresponding solution), were collected (i.e., control: 60, sulfoxaflor: 44, azoxystrobin: 50, mix: 44).

3.1 Foraging performance

3.1.1 Visitation rate per bee per treatment

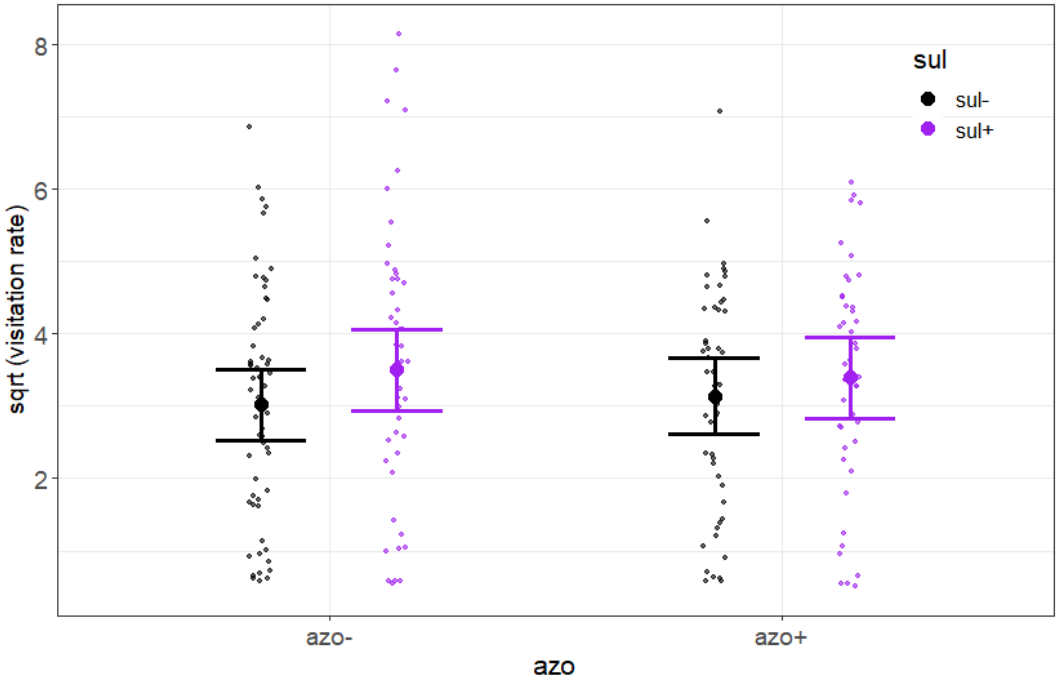


Fig. 16: The visitation rate per bee per treatment results from the number of total visits per bee divided by the total observation time per round, and its square root values are found on the y-axis. The x-axis shows if azoxystrobin is present (azo+, on the right) or not (azo-, on the left). The coloured plots indicate if sulfoxaflor is present (sul+, purple) or not (sul-, black). From this, the four treatment groups can be derived as follows, from left to right: control (sul-, azo-), sulfoxaflor (sul+, azo-), azoxystrobin (sul-, azo+) and mix (sul+, azo+). In the model prediction, a 95%-confidence interval is used and the raw data are plotted as points.

On average over all treatments, the bees had a visitation rate of $M_{all\ treatments}$ = 11.46 visits per observation time (*SD* = 11.89). The averaged visitation rates for the individual treatment groups are as follows: $M_{control}$ = 11.73 (*SD* = 10.50), $M_{sulfoxaflor}$ = 17.15 (*SD* = 16.22), $M_{azoxystrobin}$ = 12.04 (*SD* = 9.96), and M_{mix} = 13.75 (*SD* = 9.99). The visitation rate across pesticide treatments is not significantly different from the control treatment (see *p*-values in Table 1: sul (sul+, azo-) = 0.102, azo (sul-, azo+) = 0.965, sul:azo (sul+, azo+) = 0.625). Visually, there are also no major differences in the dispersion of the data points of the four treatment groups (Fig. 16).

Table 1: Summary of drop1 single term deletions using Satterthwaite's method for the sqrt response variable visitation rate.

Treatment	Classification	npar	AIC	LRT	Pr(Chi)	Sig.
<none>			764.1			
sul	(sul+, azo-)	1	764.7	2.671	0.102	
azo	(sul-, azo+)	1	762.1	0.002	0.965	
<none>			765.8			
sul:azo	(sul+, azo+)	1	764.1	0.239	0.625	

Signif. codes: ='***',0.001'**, 0.01 '*',0.05'.', 0.1' '1

3.1.2 First visit per bee per treatment

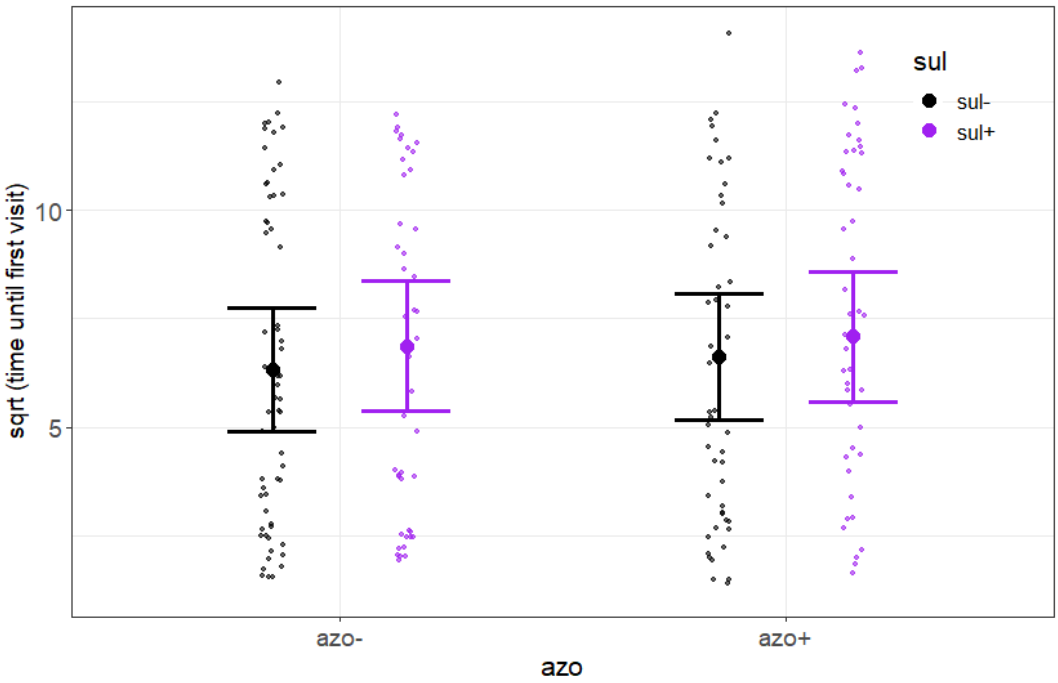


Fig. 17: The first visit per bee per treatment with the y-axis of the sqrt time it took for the first visit and the x-axis of azoxystrobin present (azo+, on the right) or not (azo-, on the left). The coloured plots indicate if sulfoxaflor is present (sul+, purple) or not (sul-, black). From this, the four treatment groups can be derived as follows, from left to right: control (sul-, azo-), sulfoxaflor (sul+, azo-), azoxystrobin (sul-, azo+) and mix (sul+, azo+). In the model prediction, a 95%-confidence interval is used and the raw data are plotted as points.

After an average of $M_{all\ treatments} = 58.26$ minutes ($SD = 52.88$), the first flower visit took place across all treatment groups (i.e., $M_{control} = 53.31$ ($SD = 51.17$), $M_{sulfoxaflor} = 57.16$ ($SD = 51.50$), $M_{azoxystrobin} = 52.27$ ($SD = 51.26$), and $M_{mix} = 72.91$ ($SD = 57.23$)). The time needed until the first visit took place is not significantly different from the control group in any pesticide condition (see *p*-values in Table 2: sul (sul+, azo-) = 0.227, azo (sul-, azo+) = 0.534, sul:azo (sul+, azo+) = 0.938). The distribution of the data points of the four treatments also does not seem to significantly differ optically (Fig. 17).

Table 2: Summary of drop1 single term deletions using Satterthwaite's method for the sqrt response variable first visit

Treatment	Classification	npar	AIC	LRT	Pr(Chi)	Sig.
<none>			1018.5			
sul	(sul+, azo-)	1	1018.0	1.463	0.227	
azo	(sul-, azo+)	1	1016.0	0.386	0.534	
<none>			1020.5			
sul:azo	(sul+, azo+)	1	1018.5	0.006	0.938	

Signif. codes: ='***',0.001'**, 0.01 '*',0.05'.', 0.1' '1

3.1.3 Total distance per bee per treatment

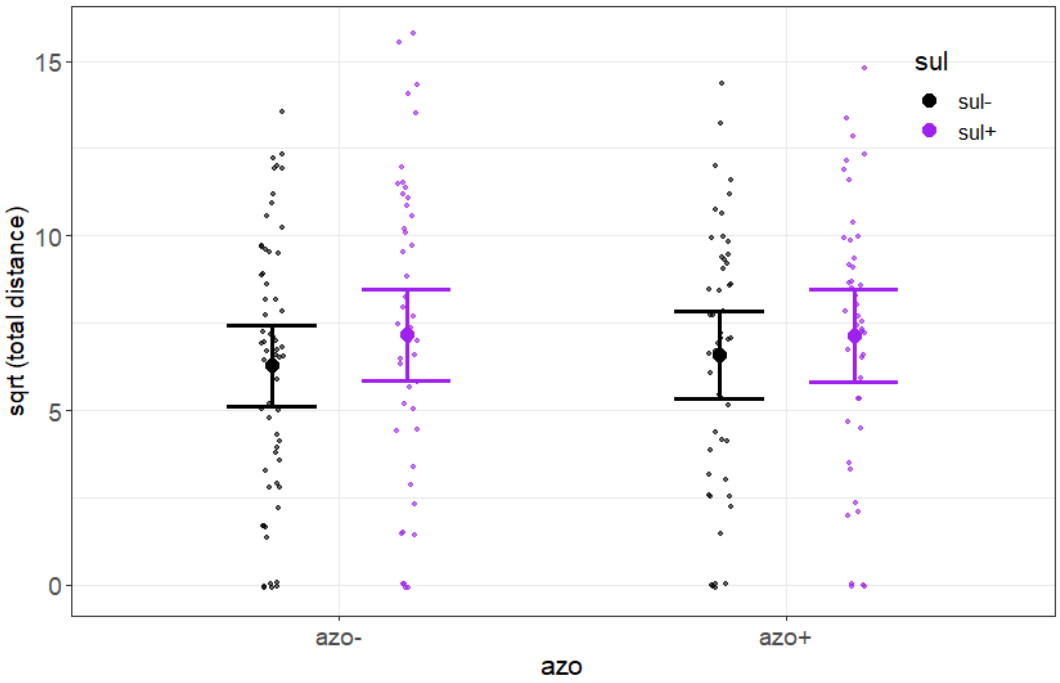


Fig. 18: The total distance per bee per treatment with the y-axis of the sqrt total distance and the x-axis of azoxystrobin present (azo+, on the right) or not (azo-, on the left). The coloured plots indicate if sulfoxaflor is present (sul+, purple) or not (sul-, black). From this, the four treatment groups can be derived as follows, from left to right: control (sul-, azo-), sulfoxaflor (sul+, azo-), azoxystrobin (sul-, azo+) and mix (sul+, azo+). In the model prediction, a 95%-confidence interval is used and the raw data are plotted as points.

On average, the bees flew a total distance of $M_{all\ treatments}$ = 61.59 (*SD* = 54.42) across all treatment groups (i.e., $M_{control}$ = 53.08 (*SD* = 47.64), $M_{sulfoxaflor}$ = 74.23 (*SD* = 67.91), $M_{azoxystrobin}$ = 56.52 (*SD* = 48.61), and M_{mix} = 66.30 (*SD* = 53.21)). The total distances across pesticides treatments are not significantly different from the control treatment (see *p*-values in Table 3: sul (sul+, azo-) = 0.170, azo (sul-, azo+) = 0.782, sul:azo (sul+, azo+) = 0.731). The observation time has no significant influence on the total flight distance either (h_observationtime = 0.580 and 0.561; see Table 3). Taking the graph into account (Fig. 18), no significant differences can be identified either.

Table 3: Summary of drop1 single term deletions using Satterthwaite's method for the sqrt response variable total distance.

Treatment	Classification	npar	AIC	LRT	Pr(Chi)	Sig.
<none>			1103.4			
sul	(sul+, azo-)	1	1103.3	1.879	0.170	
azo	(sul-, azo+)	1	1101.5	0.076	0.782	
h_observationtime		1	1101.7	0.306	0.580	
<none>			1105.3			
h_observationtime		1	1103.7	0.338	0.561	
sul:azo	(sul+, azo+)	1	1103.4	0.118	0.731	

Signif. codes: ='***',0.001'**, 0.01 '*',0.05'.', 0.1' '1

3.1.4 Relative distance per bee per treatment

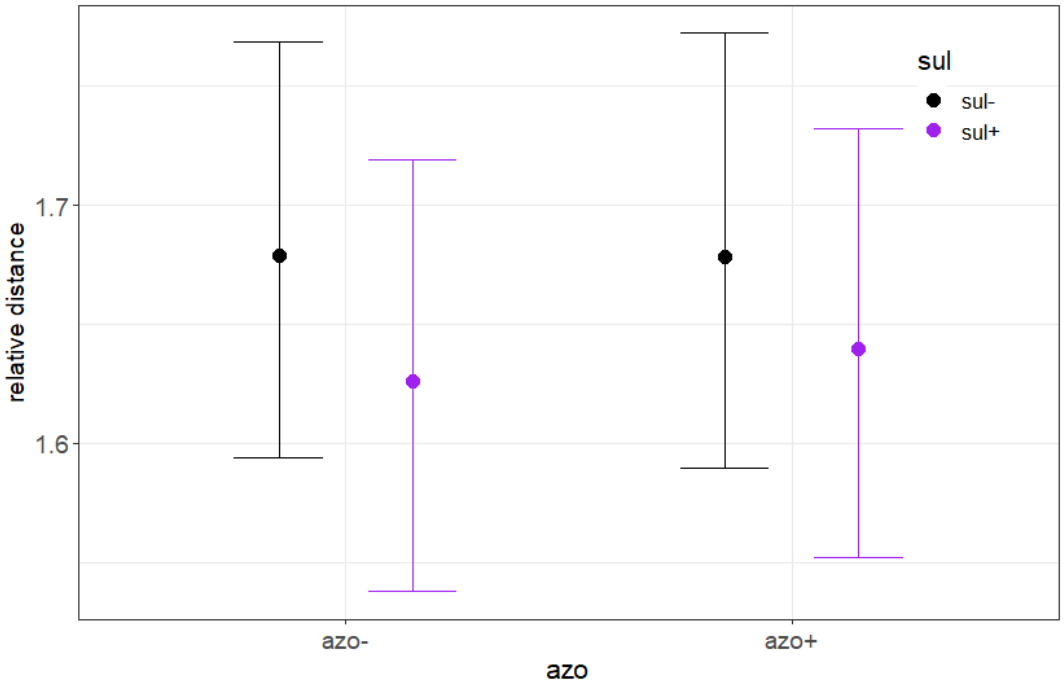


Fig. 19: The relative distance per bee per treatment with the y-axis of the relative distance per bee and the x-axis of azoxystrobin present (azo+, on the right) or not (azo-, on the left). The coloured plots indicate if sulfoxaflor is present (sul+, purple) or not (sul-, black). From this, the four treatment groups can be derived as follows, from left to right: control (sul-, azo-), sulfoxaflor (sul+, azo-), azoxystrobin (sul-, azo+) and mix (sul+, azo+). In the model prediction, a 95%-confidence interval is used. Since this variable involves several values per bee per distance, the raw data is not presented as points.

The averaged relative distance across all treatment groups is $M_{all\ treatments}$ = 1.68 (*SD* = 1.08). As the plot (Fig. 19) shows, the bees flew relative distances between 1.6 and 1.8 in each treatment on average (i.e., $M_{control}$ = 1.69 (*SD* = 1.08), $M_{sulfoxaflor}$ = 1.64 (*SD* = 1.06), $M_{azoxystrobin}$ = 1.69 (*SD* = 1.12), and M_{mix} = 1.67 (*SD* = 1.05)). The relative distance is not significantly different from the control group in any pesticide condition (see *p*-values in Table 4: sul (sul+, azo-) = 0.183, azo (sul-, azo+) = 0.861, sul:azo (sul+, azo+) = 0.837).

Table 4: Summary of drop1 single term deletions for the response variable relative distance.

Treatment	Classification	npar	AIC	LRT	Pr (Chi)	Sig.
<none>			21407			
sul	(sul+, azo-)	1	21406	1.770	0.183	
azo	(sul-, azo+)	1	21405	0.030	0.861	
<none>			21409			
sul:azo	(sul+, azo+)	1	21407	0.042	0.837	

Signif. codes: ='***',0.001'**, 0.01 '*',0.05'.', 0.1' '1

3.2 Learning

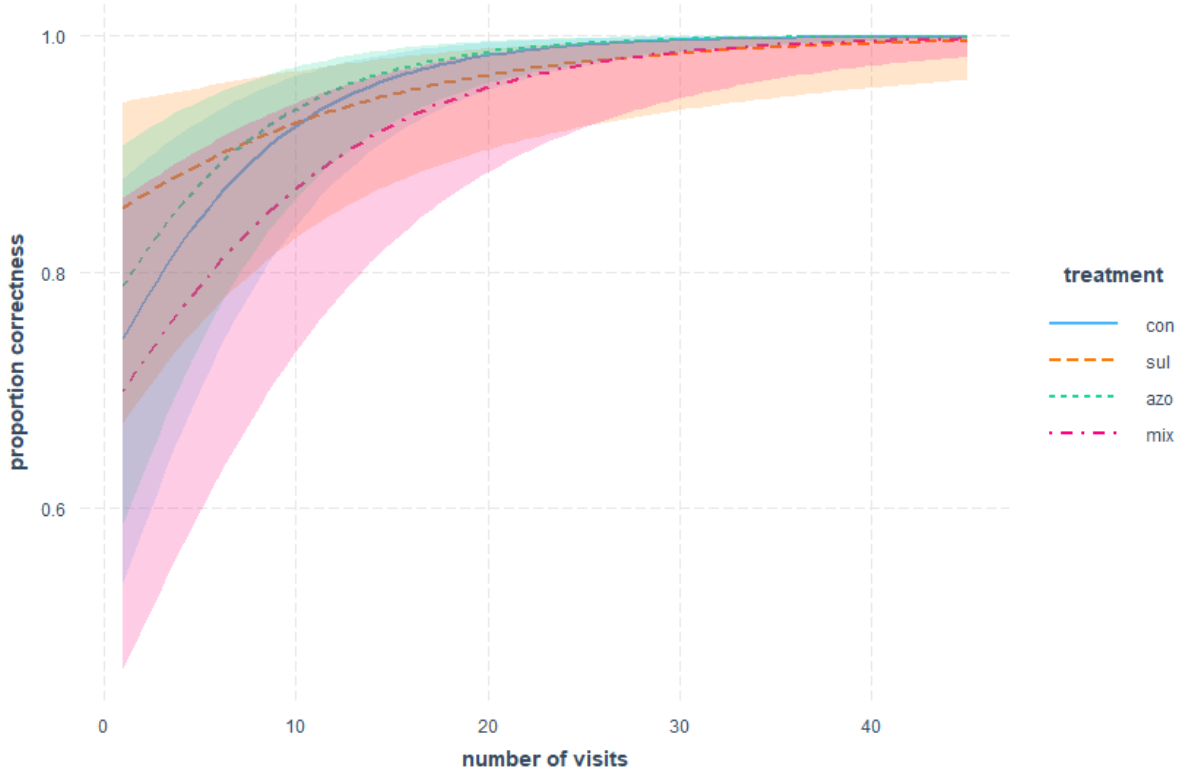


Fig. 20: Learning curves of all four treatments with the y-axis of proportion correctness and the x-axis of the number of visits (a maximum of 45 visits predefined). A 95%-confidence interval is shown for each learning curve in the respective treatment colour.

The learning curve, and thus the learning itself, of all four treatment groups increases with the number of flower visits. This relationship is highly significant (p = < 0.001; Table 5) for the fixed effect visit.nr. The varying slopes of the learning curves (Fig. 20) indicate differences in the bees' learning behaviour among the four treatment groups. The curve of the azoxystrobin (sul-, azo+) bees is most similar to the learning curve of the control (sul-, azo-) bees, which is reflected in insignificant differences for azo (p = 0.556; Table 5) and azo:visit.nr (p = 0.517; Table 5). For the sulfoxaflor (sul+, azo-) bees, the starting point of the learning curve, thus the proportion correctness value, is higher than for the other three curves, meaning that the sulfoxaflor bees approach the rewarding flower colour insignificantly (p = 0.201; Table 5) more often at the beginning. However, the slope of the curve is flatter and the interaction between

sulfoxaflor and visit number (sul:visit.nr), is significant on learning (p = 0.017; Table 5). Therefore, the sulfoxaflor bees seem to start with an insignificantly higher proportion correctness value but their learning is significantly lower afterwards. The fact that sul:visit.nr is significant also influences the slope of the mix learning curve since the mix solution consists of 50% sulfoxaflor (Fig. 21). The slope of the mix learning curve also seems to be flatter than the learning curve of the control bees, but does not significantly differ from the slope of the control treatment (sul:azo:visit.nr = 0.432; Table 5). The mix bees simply start at an insignificantly lower (sul:azo = 0.179; Table 5) proportion correctness value (Fig. 20). Most likely, the trend of the mix curve is also influenced by azoxystrobin (i.e., the other 50% of the mix solution; Fig. 22) which has shown, as already demonstrated, no significant effect on the learning curve's slope.

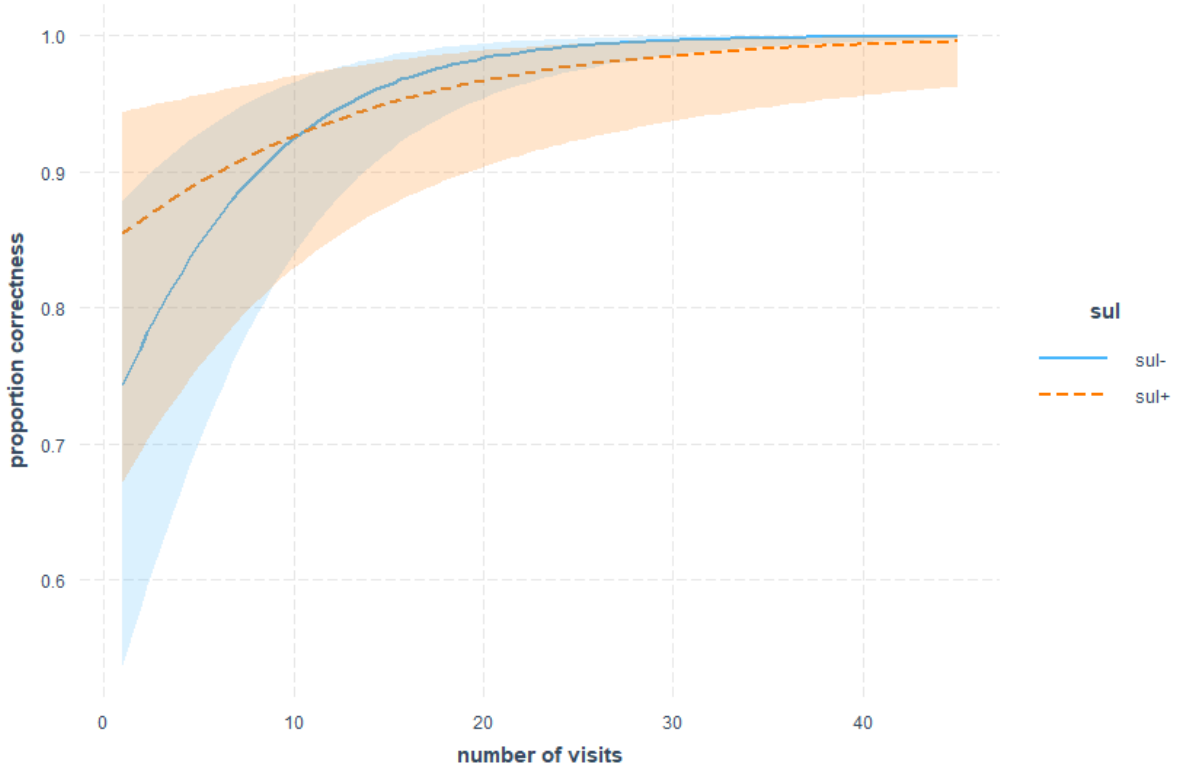


Fig. 21: The course of the learning curves with (sul+) and without (sul-) sulfoxaflor. The y-axis indicates the proportion correctness value and the x-axis the number of visits (a maximum of 45 visits predefined). The course of the learning curves is influenced by the presence or absence of sulfoxaflor. A 95%-confidence interval is shown for the learning curve with and without sulfoxaflor in the corresponding color.

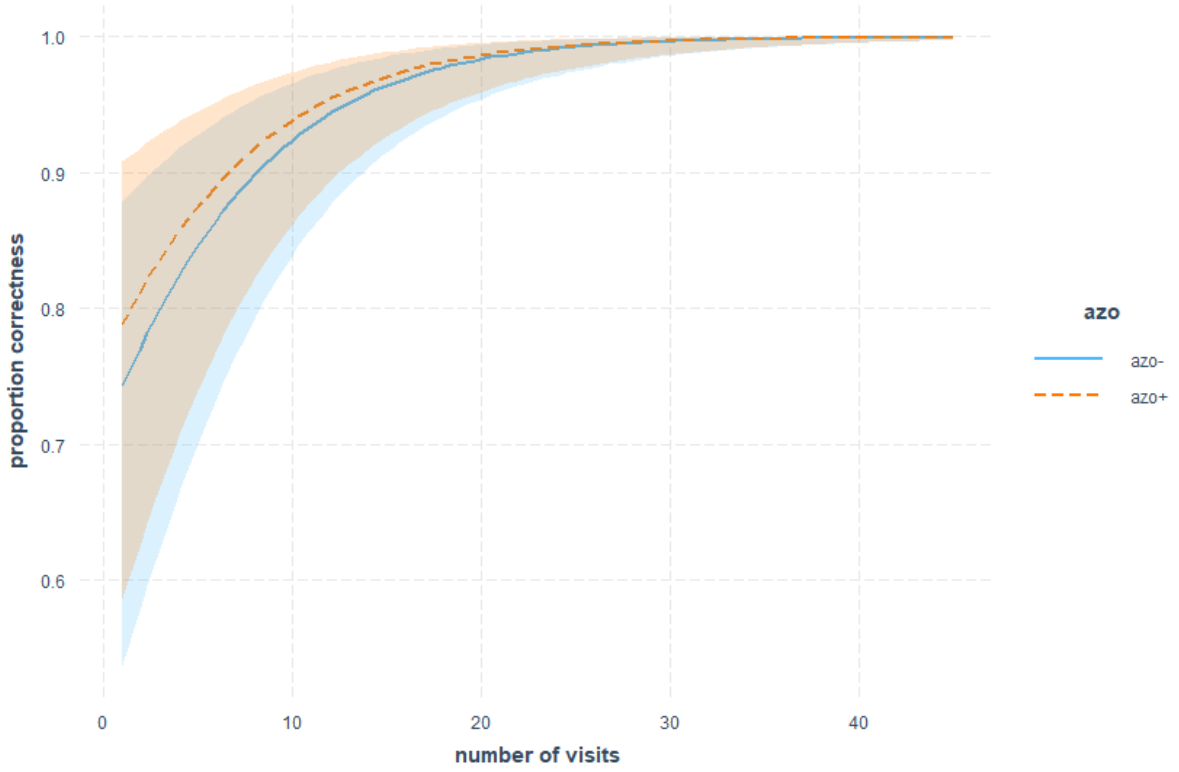


Fig. 22: The course of the learning curves with (azo+) and without (azo-) azoxystrobin. The y-axis indicates the proportion correctness value and the x-axis the number of visits (a maximum of 45 visits predefined). The course of the learning curves is influenced by the presence or absence of azoxystrobin. A 95%-confidence interval is shown for the learning curve with and without azoxystrobin in the corresponding color.

Table 5: Summary of drop1 single term deletions for the response variable learning (modelling with random slope)

Treatment	Classification	npar	AIC	LRT	Pr (Chi)	Sig.
<none>			2726.6			
sul	(sul+, azo-)	1	2726.2	1.64	0.201	
azo	(sul-, azo+)	1	2724.9	0.35	0.556	
visit.nr		1	3076.4	351.84	<0.001	***
<none>			2637.5			
sul:azo	(sul+, azo+)	1	2637.3	1.803	0.179	
sul:visit.nr		1	2641.1	5.650	0.017	*
azo:visit.nr		1	2635.9	0.420	0.517	
<none>			2638.8			
sul:azo:visit.nr		1	2637.5	0.617	0.432	

Signif. codes: ='***',0.001'**, 0.01 '*',0.05'.', 0.1' '1

These graphs and statistics result from the learning model with a random slope (i.e., visit number as a fixed as well as a random effect; m_slope). A comparison based on the Akaike Information Criterion (AIC, an established method for comparing the adequacy of models; Akaike, 1973) reveals that a learning model without a random slope (AIC = 2708.6; Table 6), which therefore does not account for differences in individual bees, fits the data significantly (p = < 0.001; Table 6) worse than the model with a random slope (AIC = 2637.5; Table 6). While the model with the random slope is thus better at describing the response variable learning,

modelling the data without a random slope shows that the treatment seems to have an effect. It results in a highly significant fixed effect visit number (visit.nr, p = < 0.001; Table 7) and interaction between sulfoxaflor and visit number (sul:visit.nr, p = < 0.001; Table 7). However, referring to the model with random slope indicates that these differences can be explained mainly by the variance in the individual bees (Heisig & Schaeffer, 2019).

Table 6: Comparison of the two models (without and with random slope) using a one-way ANOVA.

Models	npar	AIC	BIC	logLik	deviance	Chisq	Df	Pr(>Chisq)	Sig.
m_without	9	2708.6	2768.2	-1345.3	2690.6				
m_slope	13	2637.5	2723.6	-1305.7	2611.5	79.18	4	< 0.001	***

Signif. codes: ='***',0.001'**, 0.01 '*',0.05'.', 0.1' '1

Table 7: Summary of drop1 single term deletions for the response variable learning (modelling without random slope)

Treatment	Classification	npar	AIC	LRT	Pr (Chi)	Sig.
<none>			2726.6			
sul	(sul+, azo-)	1	2726.2	1.64	0.201	
azo	(sul-, azo+)	1	2724.9	0.35	0.556	
visit.nr		1	3076.4	351.84	< 0.001	***
<none>			2708.6			
sul:azo	(sul+, azo+)	1	2708.3	1.684	0.195	
sul:visit.nr		1	2728.8	22.174	< 0.001	***
azo:visit.nr		1	2708.6	1.931	0.165	
<none>			2709.7			
sul:azo:visit.nr		1	2708.6	0.989	0.32	

Signif. codes: ='***',0.001'**, 0.01 '*',0.05'.', 0.1' '1

4. Discussion

Across all *O. bicornis* foraging performance variables (i.e., flower visitation rate, first visit of a flower, total distance, and relative distance covered between flowers), there was no significant single or combined effect of sulfoxaflor and azoxystrobin. In case of learning, however, sulfoxaflor exposed *O. bicornis* bees learned less quickly to discriminate between rewarding from non-rewarding flowers of distinct colour (i.e., their learning curve was flatter compared to the one of the control group). A similar effect that was, however, likely attenuated by the influence of azoxystrobin could be observed for bees that were exposed to a mix of sulfoxaflor and azoxystrobin (see Fig. 21 and Fig. 22). Thus, the hypothesis that azoxystrobin would influence learning and foraging performance, or interactively aggravate negative impacts of sulfoxaflor on learning (i.e., mix), has to be rejected. However, the findings of my experiment confirm the hypothesis that sulfoxaflor impairs learning in *O. bicornis*. However, sulfoxaflor had no significant negative effects on the tested foraging performance variables.

4.1 Learning behaviour

The results of my experiment show that *O. bicornis* are capable of learning to discriminate between rewarding and non-rewarding flowers of different colour during a relative short time and small number of visited flowers during foraging. Flower constancy (i.e., the tendency of individual pollinators to exclusively visit certain flower species, even when other rewarding types are accessible; Waser, 1986) is usually important for bees (Amaya-Márquez et al., 2008). Once they have learned which flower species or type recognized through its colour, morphology, scent or other cues (Knauer & Schiestl, 2015; Muth et al., 2016) contains the highest reward, they concentrate on exploiting it (Waser, 1986; Amaya-Márquez et al., 2008; Howell & Alarcón, 2007; Ahrenfeldt, 2019). In my experimental setup, the only cue I used was the different colour of the artificial flowers. This eliminated the influence of other cues, which restricted the bees' learning possibility to flower colour. In addition, by randomising the flower positioning every hour, I sought to prevent the bees from foraging based on the flower's position instead of the flower's colour. Nevertheless, some *O. bicornis* bees chose the wrong (i.e., non-rewarding) flower even after a high number of visits in my experiment. This may be due to the fact that the composition of the 'flower meadow' was rearranged every hour, resulting in random clusters. Due to the lack of good alternatives in the immediate vicinity, which is what the bees primarily prefer, they once again flew to a 'wrong' flower. This may have led the bees to forage on a non-rewarding flower, even though this is energetically expensive (Williams & Tepedino, 2003). Learning of bees that had been exposed to sulfoxaflor was impaired significantly compared to the other treatment groups. Interestingly, bees that had been exposed to sulfoxaflor started with a higher proportion of 'correctly' probed flowers at the beginning than the other treatment groups and reached the learning saturation at the same

time as the other treatments, but the slope of their learning curve was significantly flatter. The impact of sulfoxaflor on learning fits in with the assumptions about the mode of action of the insecticide (Cutler et al., 2013; Babcock et al., 2011; Sparks et al., 2013). Its disruption of the acetylcholine neurotransmitter signalling at the corresponding nicotinic acetylcholine receptors in the mushroom bodies (Peng & Yang, 2016; Bicker, 1999) can cause (sub-)lethal effects (Hille-Rehfeld, 2020; Beiras, 2018). What Yang et al. (2012) and Smith et al. (2020) observed in honeybees and bumblebees after the exposure to imidacloprid (i.e., reduced olfactory learning ability and impaired learning performance) can also be derived from the learning curve bees that were exposed to sulfoxaflor. Reduced learning ability can influence foraging efficiency and thus also pollination. However, it seems implausible that they are also less likely to respond to a sucrose reward as observed by Smith et al. (2020) because of the high proportion correct value at the beginning. The observation that sulfoxaflor led to a significantly flatter learning curve may also explain the flatter learning curve of bees that were exposed to a mix of sulfoxaflor and azoxystrobin. Given that the learning curve in the mix condition was steeper than in the sulfoxaflor condition is in line with the finding that azoxystrobin only did not have a significant effect on learning and speaks against negative synergistic effects between sulfoxaflor and azoxystrobin. My finding of impaired learning in *O. bicornis* after sulfoxaflor exposure contradicts findings of Siviter et al. (2019), who could not find any negative effect of sulfoxaflor on bumblebees' and honeybees' olfactory conditioning or working memory. However, Siviter et al. (2019) worked with honeybees and bumblebees in their study and with odour as honest signal. Azpiazu et al. (2021) compared the effects of sulfoxaflor on bee mortality of honeybees, bumblebees and *O. bicornis* and found the highest sensitivity to the substance in *O. bicornis*. Amaya-Márquez et al. (2008) states that especially the colour seems to play an important role as a honest signal. Therefore, my findings differ from those of Siviter et al. (2019) due to the more sensitive species (i.e., *O. bicornis*), the choice of cue (i.e., colour) and other differences in the experimental setup.

4.2 Foraging efficiency

The number of flower visits can be interpreted as a measure of bee foraging efficiency and bees' motivation to forage. Many flower visits are often equated with a lot of pollen transfer between flowers, which is one of the main reasons why research considers bees to be so important for the environment (Vázquez et al., 2005; Richards et al., 2009; Woodcock et al., 2013), and many visits can reflect the performance of a female bee to collect floral food resources (i.e., pollen, nectar). A high visit rate is therefore generally positive (Richards et al., 2009; Garibaldi et al., 2011; Woodcock et al., 2013), and a reduced visit rate is interpreted negatively. Boff et al. (2021) observed in their study (i.e., long-term exposure of female *O. bicornis* to different sulfoxaflor doses with following observation of foraging behaviour on

artificial flowers) a decrease in visitation rate of bees that had received a repeated sulfoxaflor dose of 50 ppm over five days. Moreover, the study by Lamsa et al. (2018) reported reduced motivation in bumblebees' foraging behaviour (i.e., the pesticide-treated bumblebees visited fewer robotic flowers, did not visit all flower colours equally often and were slower to start foraging than the non-treated bumblebees) after the exposure of a low-dose (1 ppb) imidacloprid. However, my data contradict these observations and the assumption that the significant impaired learning behaviour influences foraging efficiency. In my experiment, the average visitation rate of bees that had been exposed to sulfoxaflor was even slightly (but insignificantly) higher than in other treatment groups. These different observations may be related to the bee species (i.e., bumblebees instead of *O. bicornis*) and the choice of pesticide (i.e., sulfoxaflor is likely less toxic than imidacloprid; Azpiazu et al., 2021) in the case of Lamsa et al. (2018) but these arguments do not apply to Boff et al. (2021). Unlike Boff et al. (2021), I observed my bees only once over a foraging period of three hours and not repeatedly over five days for 10 minutes. Different periods of observation can matter: Studies on other insecticides (i.e., flupyradifurone) suggest that bee behaviours can change during the observation period. Tosi & Nieh (2019) observed hyperactivity in bees shortly after the exposure to flupyradifurone (1 hour), but they described the bees' behaviour as apathetic after four hours of observation time. The variable 'first visit' indicates how quickly bees are observed foraging on the artificial flowers. Therefore, this response variable could indicate any hyperactive behaviour of bees that were exposed to sulfoxaflor. However, bees in the sulfoxaflor condition were not quicker in starting with foraging. Another indicator of hyperactivity could be the flower handling time (i.e., how long bees stay on individual flowers; Schmid-Hempel, 1984), which I could not study in my experiment.

4.3 Among-flower distances moved by bees

Similarly to 'visitation rate', no significant effect of pesticide treatments was found on the total distance between visited flowers. This is not unexpected, as the variables are not entirely independent of each other. If many visits take place, it is more likely that the bees cover a greater total distances between visited flowers. With the variable total distance, however, it is impossible to say whether there were many small distances or fewer large ones. For this, the relative distance must be taken into account. Based on my results, it can be said that, for their next visit, bees across all treatment groups prefer those flowers which are the first or second closest neighbouring flower to the one they have just visited (see Fig. 15). This confirms predictions by optimal foraging theory and empirical observation for solitary bees (Hofmann et al., 2020). Short distance movements cost less energy and thus increase efficiency in energy use of bees for foraging (Zurbuchen et al., 2010; Hofmann et al., 2020). Thus, generalist bees nesting near certain flower species tend to collect more pollen and nectar of these plants than

bees nesting at a greater distance (Williams & Tepedino, 2003). Moreover, adequate distances between nesting and feeding sites are essential for the persistence of populations (Hofmann et al., 2020).

4.4 General comments

The aim of my study was to investigate the effect of the pure form of the substances (i.e., sulfoxaflor, azoxystrobin and their mix) under controlled conditions and not the commercially available product used in practice (e.g., products such as 'Closer' with the active ingredient sulfoxaflor or 'Amistar' with the active ingredient azoxystrobin). This has the advantage that possible effects can be clearly attributed to sulfoxaflor or azoxystrobin, whereas using commercially available products would imply an uncertainty whether other substances contained in the product also have an effect on bees. On the other hand, using pure substances does not reflect reality perfectly, given that the commercially available products – and not the pure substances – are used in real-life. Prior work suggests that the admixtures in the final product and not the pure substances may be harmful to bees (Straw & Brown, 2021). According to Tamburini et al. (2021a; 2021b), who have tested Closer and Amistar for their influence on the development and foraging behaviour of honeybees (Tamburini et al., 2021a) and bumblebees (Tamburini et al., 2021b) in two different studies with the same experimental approach, these products have an negative impact on pollination services of bumblebees (Tamburini et al., 2021b), but no notable risk on the development and foraging behaviour could be found for honey bees (Tamburini et al., 2021a).

Furthermore, it should also be noted that I have only exposed the bees to pesticides once in an artificial setup. In real-word systems, bees may come into contact with pesticides several times (see Boff et al., 2021). Repetitive foraging on a low concentration of a pesticide may result in an accumulation of the toxin (Peng & Yang, 2016). Besides that, I have tested the pesticide solution only on newly hatched *O. bicornis* females. In nature, however, bees can already come into contact with pesticide-spiked pollen and nectar in the larval stage (Mullin et al., 2010; Sanchez-Bayo & Goka, 2014; Yang et al., 2012). How the chosen concentrations would affect *O. bicornis* in the larval stage remains unanswered in my study. Additionally, I conducted the experiment over three months (i.e., April to June) and the fitness of the hatched bees is not the same in every month (Danforth et al., 2019; Westrich, 2021; Dietzsch et al., 2015). Finally, it remains unclear whether the effect of the pesticides is independent of the season. For example, Christen et al. (2019) observed that exposures to the neonicotinoid chlorothanolin showed different reactivity at different times of the year (i.e., reactions were faster and often stronger in April than in June).

5. Conclusions and outlook

In conclusion, there is a strong evidence of impaired learning (i.e., sublethal effect) after field-realistic exposure to sulfoxaflor, but there are no significant effects on studied descriptors of foraging performance. Moreover, there are no significant effects of azoxystrobin alone or in combination with sulfoxaflor (i.e., mix) on learning behaviour or on any foraging performance variable. Therefore, the assumption that the combination of the two pesticides (i.e., mix treatment) would cause synergistic negative effects was not confirmed. In the current risk assessment, sublethal effects are hardly considered, although negative consequences for bees cannot be excluded. More studies, also under (semi-)natural conditions and with a range of model pollinator species, are needed on this topic to ensure that the hum on the fields continues in the future and that the pollinator health and their vital pollination function is not at risk by impaired learning and foraging behaviour due to pesticides.

Bibliography

Ahrenfeldt, E. J., Sigsgaard, L., Hansted, L., Jensen, A. C., & Toldam-Andersen, T. B. (2019). Forage quality and quantity affect red mason bees and honeybees differently in flowers of strawberry varieties. *Entomologia Experimentalis et Applicata, 167*, pp. 763-773. doi:10.1111/eea.12820

Akaike, H. (1973). Information theory and an extension of the maximum likelihood principle. In B. N. Petrov, & F. Caski, *Proceedings of the Second International Symposium on Information Theory* (pp. 267-281). Budapest: Akademiai Kiado.

Amaya-Márquez, M., Hill, P. S., Barthell, J. F., Pham, L. L., Doty, D. R., & Wells, H. (2008). Learning and memory during foraging of the blue orchard bee, osmia lignaria say (hymenoptera: megachilidae). *Journal of the Kansas Entomological Society, 81(4)*, pp. 315-327. doi:10.2317/JKES801.29.1

Appeltauer, A. (2017). Determination of residues of sulfoxaflor in nectar and pollen of apple after one application of GF-2626 in a semi-field residue study with honeybees (Apis mellifera L.) in central and southern europe 2016. *Eurofins Agroscience Services EcoChem GmbH / Eurofins Agroscience Services Ecotox GmbH, Lab Study No. S16-00603, DAS Study No. 160356, Unpublished*.

Azpiazu, C., Bosch, J., Bortolotti, L., Medrzycki, P., Teper, D., Molowny-Horas, R., & Sgolastra, F. (2021). Toxicity of the insecticide sulfoxaflor alone and in combination with the fungicide fluxapyroxad in three bee species. *Scientific Reports, 11, 6821*. doi:10.1038/s41598-021-86036-1

Azpiazu, C., Bosch, J., Viñuela, E., Medrzycki, P., Teper, D., & Sgolastra, F. (2019). Chronic oral exposure to field-realistic pesticide combinations via pollen and nectar: Effects on feeding and thermal performance in a solitary bee. *Science Report, 9, 13770*, pp. 1-11. doi:10.1038/s41598-019-50255-4

Babcock, J. M., Gerwick, C. B., Huang, J. X., Loso, M. R., Nakamura, G., Nolting, S. P., . . . Zhu, Y. (2011). Biological characterization of sulfoxaflor, a novel insecticide. *Pest Manag Sci, 67*(3), pp. 328-334. doi:10.1002/ps.2069

Bartlett, D. W., Clough, J. M., Godwin, J. R., Hall, A. A., Hamer, M., & Parr-Dobrzanski, B. (2002). The strobilurin fungicides. *Pest Management Science, 58(7)*, pp. 649-662. doi:10.1002/ps.520

Bates, D., Machler, M., Bolker, B. M., & Walker, S. C. (2015). Fitting Linear Mixed-Effects Models Using lme4. *Journal of Statistical Software, 67(1)*, pp. 1-48. doi:10.18637/jss.v067.i01

Batra, S. (1984). Solitary Bees. *Scientific American, 250*(2), pp. 120-127.

Beadle, K., Singh, K. S., Troczka, B. J., Randall, E., Zaworra, M., Zimmer, C. T., . . . Bass, C. (2019). Genomic insights into neonicotinoid sensitivity in the solitary bee Osmia bicornis. *PLoS Genet, 15(2), e1007903*, pp. 1-19. doi:10.1371/journal.pgen.1007903

bee-careful. (2021). *Was ist der Unterschied zwischen Honigbienen und Wildbienen?* Retrieved from bee-careful: https://www.bee-careful.com/de/initiative/unterschied-zwischen-honigbienen-und-wildbienen/ [11.11.2021]

Beiras, R. (2018). Chapter 14 - Sublethal toxicity at the level of organism. In R. Beiras, *Marine Pollution: Sources, Fate and Effects of Pollutants in Coastal Ecosystems* (pp. 233-245). Elsevier. doi:10.1016/C2017-0-00260-4

Belzunces, L. P., Tchamitchian, S., & Brunet, J. L. (2012). Neural effects of insecticides in the honey bee. *Apidologie, 43*(3), pp. 348-370. doi:10.1007/s13592-012-0134-0

Bicker, G. (1999). Histochemistry of classical neurotransmitters in antennal lobes and mushroom bodies of the honeybee. *Microsc. Res. Tech., 45*(3), pp. 174-183. doi:10.1002/(SICI)1097-0029(19990501)45:3<174::AID-JEMT5>3.0.CO;2-U

Bienen-SH. (2021). *Kantonaler Bienenzüchterverein Schaffhausen*. Retrieved from https://www.bienen-sh.ch/images/inhalt/zucht_anleitungen/zuchtanleitung.pdf [01.01.2021]

Blacquiere, T., Smagghe, G., van Gestel, C. A., & Mommaerts, V. (2012). Neonicotinoids in bees: A review on concentrations, side-effects and risk assessment. *Ecotoxicology, 21*, pp. 973-992. doi:10.1007/s10646-012-0863-x

Boff, S., Scheiner, R., Raizer, J., & Lupi, D. (2021). Survival rate and changes in foraging performances of solitary bees exposed to a novel insecticide. *Ecotoxicology and Environmental Safety, 211, 111869*, pp. 1-7. doi:10.1016/j.ecoenv.2020.111869

Böhme, F., Bischoff, G., Zebitz, C. P., Rosenkranz, P., & Waller, K. (2018). Pesticide residue survey of pollen loads collected by honeybees (Apis mellifera) in daily intervals at three agricultural sites in South Germany. *PLoS ONE, 13(7), e0199995.*, pp. 1-21. doi:10.1371/journal.pone.0199995

Brandt, A., Hohnheiser, B., Sgolastra, F., Bosch, J., Meixner, M. D., & Büchler, R. (2020). Immunosuppression response to the neonicotinoid insecticide thiacloprid in females

and males of the red mason bee Osmia bicornis L. *Scientific Reports, 10*, pp. 1-10. doi:10.1038/s41598-020-61445-w

Brandt, U., Schagger, H., & von Jagow, G. (1988). Characterisation of binding of the methoxyacrylate inhibitors mitochondrial cytochrome c reductase. *Eur. J. Biochem., 173*(3), pp. 499-506. doi:10.1111/j.1432-1033.1988.tb14026.x

Brown, M. J., Dicks, L. V., Paxton, R. J., Baldock, K. C., Barron, A. B., Chauzat, M., . . . Stout, J. C. (2016). A horizon scan of future threats and opportunities for pollinators and pollination. *PeerJ, 4, e2249*. doi:10.7717/peerj.2249

Bukovinszky, T., Rikken, I., Evers, S., Wäckers, F., Biesmeijer, J., Prins, H., & Kleijn, D. (2016). Effects of pollen species composition on the foraging behaviour and offspring performance of the mason bee Osmia bicornis (L.). *Basic and Applied Ecology, 18*, pp. 21-30. doi:10.1016/j.baae.2016.11.001

Bünemann, E., Schwenke, G., & Van Zwieten, L. (2006). Impact of agricultural inputs on soil organisms - A review. *Australian Journal of Soil Research, 44*, pp. 379-406. doi:10.1071/SR05125

Cedergreen, N. (2014). Quantifying synergy: A systematic review of mixture toxicity studies within environmental toxicology. *PLoS One, 9(5), e96580*, pp. 1-12. doi:10.1371/journal.pone.0096580

Cheng, Y., Bu, Y., Tan, L., Wu, W., Li, J., Zhou, J., . . . Shan, Z. (2018). A semi-field study to evaluate effects of sulfoxaflor on honey bee (Apis mellifera). *Bulletin of Insectology, 71*(2), pp. 225-233.

Christen, V., Krebs, J., & Fent, K. (2019). Fungicides chlorothanolin, azoxystrobin and folpet induce transcriptional alterations in genes encoding enzymes involved in oxidative phosphorylation and metabolism in honey bees (Apis mellifera) at sublethal concentrations. *Journal of Hazardous Materials, 377*, pp. 215-226. doi:10.1016/j.jhazmat.2019.05.056

Cnaani, J., Thomson, J. D., & Papaj, D. R. (2006). Flower choice and learning in foraging bumblebees: Effects of variation in nectar volume and concentration. *Ethology, 112*, pp. 278-285. doi:10.1111/j.1439-0310.2005.0

Cutler, P., Slater, R., Edmunds, A. J., Maienfisch, P., Hall, R. G., Earley, F. G., . . . Crossthwaite, A. J. (2013). Investigating the mode of action of sulfoxaflor: a fourth-generation neonicotinoid. *Pest Manag Sci, 69*(5), pp. 607-619. doi:10.1002/ps.3413

Danforth, B. N., Minckley, R. L., Neff, J. L., & Fawcett, F. (2019). *The Solitary Bees: Biology, Evolution, Conservation.* Princeton and Oxford: Princeton University Press.

Devi, Y. B., Meetei, T. T., & Kumari, N. (2018). Impact of pesticides on soil microbial diversity and enzymes: A review. *International Journal of Current Microbiology and Applied Sciences, 7*(6), pp. 952-958. doi:10.20546/ijcmas.2018.706.113

Devillers, J. (2002). Acute toxicity of pesticides to honey bees. In D. J., & P.-D. M., *Honey bees: estimating the environmental impact of chemicals* (pp. 56-66). London: Taylor and Francis.

Dietzsch, A. C., Kunz, N., Wirtz, I. P., Frommberger, M., & Pistorius, J. (2015). Evaluating the feasibility of using the red mason bee (Osmia bicornis L.) in different experimental setups. *Julius-Kühn-Archiv, 450*, pp. 174-178.

Eickwort, G. C., & Ginsberg, H. S. (1980). Foraging and mating behavior in Apoidea. *Annual Review of Entomology, 25*, pp. 421-446. doi:10.1146/annurev.en.25.010180.002225

European Commission. (2018). Official Journal of the European Union. *L132*(61), pp. 31-44. Retrieved from https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ:L:2018:132:TOC [23.11.2021]

European Commission. (2020). Official Journal of the European Union. *L008*(63), pp. 8-11. Retrieved from https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ:L:2020:008:TOC [23.11.2021]

Fahrbach, S. E. (2006). Structure of the mushroom bodies of the insect brain. *Annu. Rev. Entomol., 51*, pp. 209-232. doi:10.1146/annurev.ento.51.110104.150954

FAO and ITPS. (2017). *Global assessment of the impact of plant protection products on soil functions and soil ecosystems*. Retrieved from https://doi.org/https://doi.org/10.2777/71851 [10.11.2021]

Fisher, A., Coleman, C., Hoffmann, C., Fritz, B., & Rangel, J. (2017). The synergistic effects of al-mond protection fungicides on honey bee (Hymenoptera: Apidae) forager survival. *J. Econ. Entomol, 110*(3), pp. 802-808. doi:10.1093/jee/tox031

Free, J. B. (1993). *Insect pollination of crops, 2nd edn.* London, UK: Academic Press.

Garibaldi, L. A., Steffan-Dewenter, I., Kremen, C., Morales, J. M., Bommarco, R., Cunningham, S. A., . . . Holzschuh, A. I. (2011). Stability of pollination services decreases with isolation from natural areas despite honey bee visits. *Ecol Lett, 14*(10), pp. 1062-1072. doi:10.1111/j.1461-0248.2011.01669.x

Garibaldi, L. A., Steffan-Dewenter, I., Winfree, R., Aizen, M. A., Bommarco, R., Cunningham, S. A., . . . Boreux, V. (2013). Wild pollinators enhance fruit set of crops regardless of

honey bee abundance. *Science, 339*(6127), pp. 1608-1611. doi:10.1126/science.1230200

Greenleaf, S., & Kremen, C. (2006). Wild bee species increase tomato production and respond differently to surrounding land use in Northern California. *Biological Conservation, 133*(1), pp. 81-87. doi:10.1016/j.biocon.2006.05.025

Gresty, C., Clare, E., Devey, D., Cowan, R., Csiba, L., Malakasi, P., . . . Willis, K. (2018). Flower preferences and pollen transport networks for cavitynesting solitary bees: implications for the design of agri-environment schemes. *Ecology and Evolution, 8*(15), pp. 7574-7587. doi:10.1002/ece3.4234

Groh, C., Ahrens, D., & Rössler, W. (2006). Environment- and age-dependent plasticity of synaptic complexes in the mushroom bodies of honeybee queens. *Brain Behav. Evol., 68*(1), pp. 1-14. doi:10.1159/000092309

Heisenberg, M. (1998). What do the mushroom bodies do for the insect brain? An introduction. *Learn. Memory, 5*(1), pp. 1-10.

Heisenberg, M. (2003). Mushroom body memoir: from maps to models. *Nat. Rev. Neurosci., 4*(4), pp. 266-275. doi:10.1038/nrn1074

Heisig, J. P., & Schaeffer, M. (2019). Why you should always include a random slope for the lower-level variable involved in a cross-level interaction. *European Sociological Review, 35(2)*, pp. 258-279. doi:10.1093/esr/jcy053

Hille-Rehfeld, A. (2020). Sulfoxaflor. In F. Böckler, B. Dill, G. Eisenbrand, F. Faupel, B. Fugmann, T. Gamse, . . . G. Sprenger. Stuttgart: Georg Thieme Verlag.

Hofmann, M. M., Fleischmann, A., & Renner, S. S. (2020). Foraging distances in six species of solitary bees with body lengths of 6 to 15 mm, inferred from individual tagging, suggest 150 m-rule-of-thumb for flower strip distances. *Journal of Hymenoptera Research, 77*, pp. 105-117. doi:10.3897/jhr.77.51182

Hourcade, B., Muenz, T. S., Sandoz, J. C., Rössler, W., & Devaud, J. M. (2010). Long-term memory leads to synaptic reorganization in the mushroom bodies: a memory trace in the insect brain? *J Neurosci, 30*(18), pp. 6461-6465. doi:10.1523/JNEUROSCI.0841-10.2010

Howell, A. D., & Alarcón, R. (2007). Osmia bees (Hymenoptera: Megachilidae) can detect nectar-rewarding flowers using olfactory cues. *Animal Behaviour, 74*(2), pp. 199-205. doi:10.1016/j.anbehav.2006.11.012

Imfeld, G., & Vuilleumier, S. (2012). Measuring the effects of pesticides on bacterial communities in soil: A critical review. *European Journal of Soil Biology, 49*, pp. 22-30. doi:10.1016/j.ejsobi.2011.11.010

Ivic, D. (2010). Curative and Eradicative Effects of Fungicides. In O. Carisse, *Fungicides* (pp. 3-22). InTech.

James, R., & Pitts-Singer, T. L. (2008). *Bee Pollination in Agricultural Ecosystems.* Online: Oxford Scholarschip.

Jeschke, P., & Nauen, R. (2005). Comprehensive Molecular Insect Science. Vols 1 to 7. In L. I. Gilbert, K. Latrou, & S. S. Gill. Oxford, UK: Elsevier.

Kamil, A. C. (2004). Sociality and the evolution of intelligence. *Trends in Cognitive Science, 8*(5), pp. 195-197. doi:10.1016/j.tics.2004.03.002

Kempe, G. (2009). Azoxystrobin. In F. Böckler, B. Dill, G. Eisenbrand, F. Faupel, B. Fugmann, T. Gamse, . . . G. Sprenger, *RÖMPP [Online].* Stuttgart: Georg Thieme Verlag.

Klatt, B., Holzschuh, A., Westphal, C., Clough, Y., Smit, I., Pawelzik, E., & Tscharntke, T. (2013). Bee pollination improves crop quality, shelf life and commercial value. *Proceedings of the Royal Society B: Biological Sciences, 281*, pp. 1-8. doi:10.1098/rspb.2013.2440

Knauer, A. C., & Schiestl, F. P. (2015). Bees use honest floral signals as indicators of reward when visiting flowers. *Ecology Letters, 18*(2), pp. 135-143. doi:10.1111/ele.12386

Knowles, J. R. (1980). Enzyme-catalyzed phosphoryl transfer reactions. *Annual Review of Biochemistry, 49*, pp. 877-919. doi:10.1146/annurev.bi.49.070180.004305

Krofczik, S., Khojasteh, U., de Ibarra, N. H., & Menzel, R. (2008). Adaptation of microglomerular complexes in the honeybee mushroom body lip to manipulations of behavioral maturation and sensory experience. *Dev. Neurobiol., 68*, pp. 1007-1017. doi:10.1002/dneu.20640

Krupke, C. H., Hunt, G. J., Eitzer, B. D., Andino, G., & Given, K. (2012). Multiple routes of pesticide exposure for honey bees living near agricultural fields. *PLoS ONE, 7(1), e29268*, pp. 1-8. doi:10.1371/journal.pone.0029268

Kunova, A., Pizzatti, C., & Cortesi, P. (2012). Impact of tricyclazole and azoxystrobin on growth, sporulation and secondary infection of the rice blast fungus, Magnaporthe oryzae. *Pest Management Science, 69*(2), pp. 278-284. doi:10.1002/ps.3386

Ladurner, E., Bosch, J., Kemp, W. P., & Maini, S. (2005). Assessing delayed and acute toxicity of five formulated fungicides to Osmia lignaria Say and Apis mellifera. *Apidologie, 36*(3), pp. 449-460. doi:10.1051/apido:2005032

Lamsa, J., Kuusela, E., Tuomi, J., Juntunen, S., & Watts, P. C. (2018). Low dose of neonicotinoid insecticide reduces foraging motivation of bumblebees. *Proc Biol Sci, 285*(1883), pp. 1-9. doi:10.1098/rspb.2018.0506

Luke, S. G. (2017). Evaluating significance in linear mixed-effects models in R. *Behavior research methods, 49*(4), pp. 1494-1502. doi:10.3758/s13428-016-0809-y

Matsuda, K., Shimomura, M., Ihara, M., Akamatsu, M., & Sattelle, D. B. (2005). Neonicotinoids show selective and diverse actions on their nicotinic receptor targets: Electrophysiology, molecular biology, and receptor modeling studies. *Biosci., Biotechnol., Biochem, 69*(8), pp. 1442-1452. doi:10.1271/bbb.69.1442

Menzel, R. (2001a). Behavioral and neural mechanisms of learning and memory as determinants of flower. In L. Chittka, & J. D. Thomson, *Cognitive Ecology of Pollination* (pp. 21-40). New York, US: Cambridge University Press, New York.

Menzel, R. (2001b). Searching for the memory trace in a mini-brain, the honeybee. *Learn. Memory, 8*, pp. 53-62. doi:10.1101/lm.38801

Menzel, R. (2012). The honeybee as a model for understanding the basis of cognition. *Nature Reviews Neuroscience, 13*, pp. 758-768.

Mullin, C. A., Frazier, M., Frazier, J. L., Ashcraft, S., Simonds, R., van Engelsdorp, D., & Pettis, J. S. (2010). High levels of miticides and agrochemicals in North American apiaries: Implications for honey bee health. *PLoS ONE, 5(3), e9754*, S. 1-19. doi:10.1371/jo

Muth, F., Papaj, D. R., & Leonard, A. S. (2016). Bees remember flowers for more than one reason: pollen mediates associative learning. *Animal Behaviour, 111*, pp. 93-100. doi:10.1016/j.anbehav.2015.09.029

Nauen, R., & Denholm, I. (2005). Resistance of insect pests to neonicotinoid insecticides: current status and future prospects. *Arch Insect Biochem Physiol, 58*(4), pp. 200-215. doi:10.1002/arch.20043

Nicolson, S. W. (2011). Bee food: the chemistry and nutritional value of nectar, pollen and mixtures of the two. *African Zoology, 46*(2), pp. 197-204. doi:10.1080/15627020.2011.114074

O'Toole, C., & Raw, A. (1991). *Bees of the World.* New York, US: Facts on File, Inc., New York.

Palmer, M. J., Moffat, C., Saranzewa, N., Harvey, J., Wright, G. A., & Connolly, C. N. (2013). Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees. *Nature communications, 4, 1634*, pp. 1-8. doi:10.1038/ncomms2648

Peng, Y.-C., & Yang, E.-C. (2016). Sublethal dosage of imidacloprid reduces the microglomerular density of honey bee mushroom bodies. *Scientific reports, 6, 19298*, pp. 1-13. doi:10.1038/srep19298

Pillings, E. D., Bromley-Challenor, K. A., Walker, C. H., & Jepson, P. C. (1995). Mechanism of synergism between the pyrethroid insecticide and the imidazole fungicide prochloraz in the honeybee (Apis mellifera L.). *Pestic Biochem, 51*, pp. 1-11.

Potts, S. G., Imperatriz-Fonseca, V., Ngo, H. T., Aizen, M. A., Biesmeijer, J. C., Breeze, T. D., . . . Vanbergen, A. J. (2016). Safeguarding pollinators and their values to human well-being. *Nature*(20588). doi:10.1038

PPDB. (2021). *Pesticide Properties Database*. Retrieved from http://sitem.herts.ac.uk/aeru/ppdb/en/index.htm [31.12.21]

R Development Core Team. (2020). *R: A language and environment for statistical computing*. Retrieved from R Foundation for Statistical Computing: Vienna, Austria: https://www.R-project.org

Radmacher, S., & Strohm, E. (2010). Factors affecting offspring body size in the solitary bee Osmia bicornis. (Hymenoptera, Megachilidae). *Apidologie, 41*(2), pp. 169-177. doi:10.1051/apido/2009064

Richards, S. A., Williams, N. M., & Harder, L. D. (2009). Variation in pollination: Causes and consequences for plant reproduction. *American naturalist, 174(3)*, pp. 382-398. doi:10.1086/603626

Rortais, A., Arnold, G., Halm, M. P., & Touffet-Briens, F. (2005). Modes of honeybees exposure to systemic insecticides: Estimated amounts of contaminated pollen and nectar consumed by different categories of bees. *Apidologie, 36*(1), pp. 71-83. doi:10.1051/apido:2004071

Samuelson, E., Chen-Wishart, Z., Gill, R., & Leadbeater, E. (2016). Effect of acute pesticide exposure on bee spatial working memory using an analogue of the radial-arm maze. *Science Report, 6, 38957*, pp. 1-11. doi:10.1038/srep38957

Sanchez-Bayo, F., & Goka, K. (2014). Pesticide residues and bees – a risk assessment. *PLoS ONE, 9(4), e94482*, pp. 1-16. doi:10.1371/journal.pone.0094482

Sandrock, C., Tanadini, L. G., Pettis, J. S., Biesmeijer, J. C., Potts, S. G., & Neumann, P. (2014). Sublethal neonicotinoid insecticide exposure reduces solitary bee reproductive success. *Agricultural and Forest Entomology, 16*(2), pp. 119-128. doi:10.1111/afe.12041

Schatz, F., & Wallner, K. (2009). *Pflanzenschutzmittelapplikation in blühenden Raps (Brassica napus) und deren Auswirkungen auf die Rückstandssituation in Honig, Nektar und Pollen der Honigbiene (Apis mellifera).* Universität Hohenheim.

Schmid-Hempel, P. (1984). The importance of handling time for the flight directionality in bees. *Behavioral Ecology and Sociobiology, 15*, pp. 303-309. doi:10.1007/BF00292993

Sedivy, C., & Dorn, S. (2014). Towards a sustainable management of bees of the subgenus Osmia (Megachilidae; Osmia) as fruit tree pollinators. *Apidologie, 45*(1), pp. 88-105. doi:10.1007/s13592-013-0231-8

Sgolastra, F., Arnan, X., Cabbri, R., Isani, G., Medrzycki, P., Teper, D., & Bosch, J. (2018). Combined exposure to sublethal concentrations of an insecticide and a fungicide affect feeding, ovary development and longevity in a solitary bee. *Proc. R. Soc. B, 285*(20180887). doi:10.1098/rspb.2018.0887

Siviter, H., Bailes, E. J., Martin, C. D., Oliver, T. R., Koricheva, J., Leadbeater, E., & Brown, M. J. (2021). Agrochemicals interact synergistically to increase bee mortality. *Nature, 596*(7872), pp. 389-392. doi:10.1038/s41586-021-03787-7

Siviter, H., Brown, M. J., & Leadbeater, E. (2018b). Sulfoxaflor exposure reduces bumblebee reproductive success. *Nature, 561*, pp. 109-112. doi:10.1038/s41586-018-0430-6

Siviter, H., Koricheva, J., Brown, M. J., & Leadbeater, E. (2018a). Quantifying the impact of pesticides on learning and memory in bees. *Journal of Applied Ecology, 55*(6), pp. 2812-2821. doi:10.1111/1365-2664.13193

Siviter, H., Scott, A., Pasquier, G., Pull, C., Brown, M. J., & E., L. (2019). No evidence for negative impacts of acute sulfoxaflor exposure on bee olfactory conditioning or working memory. *PeerJ, 7, e7208*, pp. 1-22. doi:10.7717/peerj.7208

Smith, D. B., Arce, A. N., Ramos Rodrigues, A., Bischoff, P. H., Burris, D., Ahmed, F., & Gill, R. J. (2020). Insecticide exposure during brood or early-adult development reduces brain growth and impairs adult learning in bumblebees. *Proceedings of the Royal Society B, 287*(20192442). doi:10.1098/rspb.2019.2442

Sparks, T. C., Watson, G. B., Loso, M. R., Geng, C., Babcock, J. M., & Thomas, J. D. (2013). Sulfoxaflor and the sulfoximine insecticides: Chemistry, mode of action and basis for

efficacy on resistant insects. *Pesticide Biochemistry and Physiology, 107*(1), pp. 1-7. doi:10.1016/j.pestbp.2013.05.014

Spektrum.de. (2021). *Lexikon der Neurowissenschaft, Radioligand.* Retrieved from Spektrum.de: https://www.spektrum.de/lexikon/neurowissenschaft/radioligand/10687 [10.11.2021]

Straub, L., Williams, G. R., Pettis, J., Fries, I., & Neumann, P. (2015). Superorganism resilience: Eusociality and susceptibility of ecosystem service providing insects to stressors. *Current Opinion in Insect Science, 12*, pp. 109-112. doi:10.1016/j.cois.2015.1

Straw, E. A., & Brown M., J. F. (2021). Co-formulant in a commercial fungicide product causes lethal and sub-lethal effects in bumble bees. *Scientific reports, 11*(21653). doi:10.1038/s41598-021-00919-x

Syngenta. (2021, Mai 19). *AMISTAR.* Retrieved from Syngenta: https://www.syngenta.de/produkte/pflanzenschutz/fungizid/amistar [01.11.2021]

Tamburini, G., Pereira-Peixoto, M.-H., Borth, J., Lotz, S., Wintermantel, D., Allan, M. J., . . . Albrecht, M. (2021b). Fungicide and insecticide exposure adversely impacts bumblebees and pollination services under semi-field conditions. *Environmental international, 157*(106813). doi:10.1016/j.envint.2021.106813

Tamburini, G., Wintermantel, D., Allan, M. J., Dean, R. R., Knauer, A., Albrecht, M., & Klein, A. (2021a). Sulfoxaflor insecticide and azoxystrobin fungicide have no major impact on honeybees in a realistic-exposure semi-field experiment. *Science of the Total Environment, 778*(146084). doi:10.1016/j.scitotenv.2021.146084

Tan, K., Wang, C., Dong, S., Li, X., & Nieh, J. C. (2017). The pesticide flupyradifurone impairs olfactory learning in Asian honey bees (Apis cerana) exposed as larvae or as adults. *Science Report, 7(17772)*, pp. 1-9. doi:10.1038/s41598-017-18060-z

Taning, N. T., Vanommeslaeghe, A., & Smagghe, G. (2019). With or without foraging for food, field-realistic concentrations of sulfoxaflor are equally toxic to bumblebees (Bombus terrestris). *Entomologia Generalis, 39(2)*, pp. 151-155. doi:10.1127/entomologia/2019/0784

Thompson, H. M., Fryday, S. L., Harkin, S., & Milner, S. (2014). Potential impacts of synergism in honeybees (Apis mellifera) of exposure to neonicotinoids and sprayed fungicides in crops. *Apidologie, 45*, S. 545-553. doi:10.1007/s13592-014-0273-6

Thorp, R. W. (2000). The collection of pollen by bees. *Plant Systematics and Evolution, 222*, pp. 211-223. doi:10.1007/BF00984103

Tosi, S., & Nieh, J. C. (2019). Lethal and sublethal synergistic effects of a new systemic pesticide, flupyradifurone (Sivantow), on honeybees. *Proc. R. Soc. B, 286*. doi:10.1098/rspb.2019.0433

van der Sluijs, J. P., Simon-Delso, N., Goulson, D., Maxim, L., Bonmatin, J. M., & Belzunces, L. P. (2013). Neonicotinoids, bee disorders and the sustainability of pollinator services. *, Current Opinion in Environmental Sustainability, 5(3-4)*, pp. 293-305. doi:10.1016/j.cosust.2013.05.007

Vázquez, D. P., Morris, W. F., & Jordano, P. (2005). Interaction frequency as a surrogate for the total effect of animal mutualists on plants. *Ecology Letters, 8*(10), pp. 1088-1094. doi:10.1111/j.1461-0248.2005.00810.x

Waser, N. M. (1986). Flower constancy: definition, cause, and measurement. *American Naturalist, 127*(5), pp. 593-603.

Watson, G. B., Loso, M. R., Babcock, J. M., Hasler, J. M., Letherer, T. J., Young, C. D., . . . Sparks, T. C. (2011). Novel nicotinic action of the sulfoximine insecticide sulfoxaflor. *Insect Biochemistry and Molecular Biology, 41*(7), pp. 432-439. doi:10.1016/j.ibmb.2011.01.009

Werner, D. (2013). *Die Entwicklung der Rostroten Mauerbiene (Osmia bicornis)*. Retrieved from Naturgartenfreunde: https://www.naturgartenfreude.de/wildbienen/lebenszyclus/larvenentwicklung/ [24.12.2021]

Westrich, P. (2019). *Die Wildbienen Deutschlands, 2nd ed.* Ulm, D: Ulmer Eugen Verlag.

Westrich, P. (2021). *Osmia bicornis*. Retrieved from Wildbienen.info: https://www.wildbienen.info/steckbriefe/osmia_bicornis.php [24.12.2021]

Wildbiene + Partner. (2021). *Wissenswertes*. Retrieved from Wildbiene + Partner: https://wildbieneundpartner.me/mein-beehome/ [13.01.2022]

Wilkins, S., Jarratt, N., Harkin, S., Thompson, H., & Coulson, M. (2013). Effects of solvent on the toxicity of dimethoate in a honey bee in vitro larval study. *Pest Manag Sci, 69*(4), pp. 462-463. doi:10.1002/ps.3465

Williams, N. M., & Tepedino, V. J. (2003). Consistent mixing of near and distant resources in foraging bouts by the solitary mason bee Osmia lignaria. *Behavioral Ecology, 14(1)*, pp. 141-149. doi:10.1093/beheco/14.1.141

Woodcock, B. A., Edwards, M., Redhead, J., Meek, W. R., Nuttall, P., Falk, S., . . . Pywell, R. F. (2013). Crop flower visitation by honeybees, bumblebees and solitary bees:

Behavioural differences and diversity responses to landscape. *Agriculture, Ecosystems & Environment, 171*, pp. 1-8. doi:10.1016/j.agee.2013.03.005

Yang, E. C., Chang, H. C., Wu, W. Y., & Chen, Y. W. (2012). Impaired olfactory associative behavior of honeybee workers due to contamination of imidacloprid in the larval stage. *PLoS One, 7, e49472*. doi:10.1371/journal.pone.0049472

Zars, T. (2000). Behavioral functions of the insect mushroom bodies. *Curr. Opin. Neurobiol., 10*(6), pp. 790-795. doi:10.1016/s0959-4388(00)00147-1

Zhang, S., Bock, F., Sih, A., Tautz, J., & Srinivasan, M. V. (2005). Visual working memory in decision making by honey bees. *Proceedings of the National Academy of Science of the United States of America, 102*(14), pp. 5250-5255. doi:10.1073/pnas.0501440102

Zhu, Y. C., Yao, J., Adamczyk, J., & Luttrell, R. (2017). Feeding toxicity and impact of imidacloprid formulation and mixtures with six representative pesticides at residue concentrations on honey bee physiology (Apis mellifera). *PLoS ONE, 12(6), e0178421*, pp. 1-19. doi:10.1371/journal.pone.0178421

Zurbuchen, A., Cheesman, S., Klaiber, J., Müller, A., Hein, S., & Dorn, S. (2010). Long foraging distances impose high costs on offspring production in solitary bees. *Journal of Animal Ecology, 79*(3), pp. 674-681. doi:10.1111/j.1365-2656.2010.01675.x

Zuur, A. F., Ieno, E. N., Walker, N. J., Saveliev, A. A., & Smith, G. M. (2009). *Mixed effects models and extensions in ecology with R.* Springer Science & Business Media.

Appendix

The appendix contains the supplements to:

- Pesticide dosage calculations (one page)
- R-script (16 pages)
- Data sheet of all experimental rounds (109 pages)

Calculations of pesticide concentrations (sulfoxaflor, azoxystrobin, mix and control) in 5µl (experimental oral exposure in NICOT-systems)

	Azoxystrobin	Sulfoxaflor		
Quantity of substance (mg)	100	10	10	10
Quantity of substance (ug)	100000	10000	10000	10000
Purity of substance (proportion)	1	1	1	1
Quantity of substance after purity correction	100000	10000	10000	10000
Dissolve in X mL acetone (mL)	2	1	1	1
Density of acetone (g/cm^3 = g/mL)	0.7899	0.7899	0.7899	0.7899
Weight acetone of the solution (g)	1.5798	0.7899	0.7899	0.7899
Concentraion mother solution (ug/mL) (w/v) (ppm)	50000	10000	10000	10000
Concentraion mother solution (ug/g) (w/w) (ppm)	63299.15179	12659.83036	12659.83036	12659.83036
Density 30% w/w sugar solution (g/cm^3 = g/mL)	1.127	1.127	1.127	1.127
Volume of 1 g sugar solution (mL)	0.887311446	0.887311446	0.887311446	0.887311446
Target concentration in final solutions and mix (ug/g) (w/w) (ppm)	12	0.9	0.6	0.3
Target concentration in final solutions and mix (ug/mL) (w/v) (ppm)	**13.524**	**1.0143**	**0.6762**	**0.3381**
Target concentration stock solution (ug/g) (w/w) (ppm)	**24**	**1.8**	**1.2**	**0.6**
Target concentration stock solution (ug/mL) (w/v) (ppm)	27.048	2.0286	1.3524	0.6762
Target volume stock solution (mL)	100	100	100	100
Transfer from mother solution to reach target concentration (mL)	0.054096	0.020286	0.013524	0.006762
Transfer from mother solution to reach target concentration (uL)	**54.096**	**20.286**	13.524	6.762
Concentration stock solution (control) (ug/mL) (ppm)	27.048	2.0286	1.3524	0.6762
Proportion of acetone in stock solution (mL/mL)	0.00054096	0.00020286	0.00013524	0.00006762
Volume mix (mL)	100	100	100	100
Transfer stock solution (mL)	50	50	50	50
Concentrations in mix (control, must be half conc. of stock solution) (ug/mL)	**13.524**	**1.0143**	**0.6762**	**0.3381**
Volume acetone in mix by corresponding stock solution (mL)	0.027048	0.010143	0.006762	0.003381
Total volume of acetone in mix (mL)	0.037191	0.037191	0.03381	0.030429
Proportion of acetone in mix (mL/mL)	0.00037191	0.00037191	0.0003381	0.00030429
% acetone in mix (%)	0.037191	0.037191	0.03381	0.030429
Volume stock solution (mL) (transfer)	50	50	50	50
Quantity of acetone from transfer stock solution (mL)	0.027048	0.010143	0.006762	0.003381
Volume additonal sugar solution for dilution (mL)	50	50	50	50
Final volume final solution (mL)	100	100	100	100
Target acetone content for additional sugar solution (mL/mL)	0.00020286	0.00054096	0.00054096	0.00054096
Target amount of acetone from 50 mL added sugar solution(mL)	0.010143	0.027048	0.027048	0.027048
Total quantity of acetone in final solution (mL)	0.037191	0.037191	0.03381	0.030429
Final proportion of acetone in final solution (mL/mL)	0.00037191	0.00037191	0.0003381	0.00030429
% acetone in final solution (%)	0.037191	0.037191	0.03381	0.030429
Concentrations in final solutions (control, must be half conc. of stock solution) (ug/mL)	**13.524**	**1.0143**	**0.6762**	**0.3381**

Prepare sugar solution control treatment: 6.198 ul acetone in 100 mL sugar solution

Step 1: Dissolve the pesticide powder in acetone

30% w/w sugar solution: 300g sugar + 700g water (=1kg solution)
1.127 g sugar solution = 1 mL -> 1g sugar solution = 1 mL / 1.127 =

However, since a bee drinks approximately 30 µl per day (Azpiazu et al. 2019) and we only give the bees 5 µl (1/6) to drink, we need to administer 6 times the daily ration (2000 ppb, 50 ppb, 100 ppb, 150 ppb) in it

Stock solution: Double target concentration, so it can then be mixed for the mix.
Pesticides are pipetted directly into sugar solution
calculated on the volume of the sugar water

c1 * V1 = c2 * V2 -> V1 = c2 * V2 / c1

c2 = c1 * V1 / V2

Transfer from mother solution = acetone content, as mother solution is based on acetone

Preparation Mix: 50 mL stock solution (Azo) + 50 mL stock solution (Sul) = 100 mL Mix

ok

see above
Dilution 50 mL stock solution with 50 mL sugar solution + acetone content of the other stock solution

Prepare: (Azo): 1.69 ul acetone in 50 mL sugar solution; (Sul): 4.5 ul acetone in 50 mL sugar solution

ok

```
#### All R codes (incl. inspect rax data, learning curves and models)
### Masters Thesis Nicole Arnet

# set working space
setwd("C:/Users/fanta/Documents/Studium/MSc_Experimente/R")
#setwd("C:/Users/janin/Documents/1 Doktorat/WORKING FOLDER/Learning")

library(dplyr)
library(tidyr)
library(ggplot2)
library(lubridate)
library(lme4)
library(lmerTest)
library(emmeans)
library(multcomp)
library(pbkrtest)
library(car)
library(effects)
library(zoo)
library(nlme)
library(visreg)
library(lattice)
library(ggthemes)
library(ggeffects)
library(DHARMa)
library(chron)
library(survival)
library(survminer)
library(plotrix)
library(stringr)
library(standardize)
library(sjPlot)
library(sjstats)
library(sjmisc)
library(sjlabelled)
library(coxme)
library(visreg)
library(jtools)
library(interactions)


# read in data
learning.data <- read.csv("R_extended_data.csv", header=T, sep=";")
#data_perbee <- read.csv("data_perbee.csv", header=T, sep=";")

# data structure and set format
str(learning.data)

learning.data$date <- as.Date(learning.data$date) # and date as date (needs
to be e.g. 2020-09-06 in csv for R to read)
learning.data$round <- as.factor(learning.data$round) # e.g. set cage as
factor
learning.data$rewarding.color <- as.factor(learning.data$rewarding.color)
learning.data$rewarding.color.nr <-
as.integer(learning.data$rewarding.color.nr)
learning.data$treatment <- as.factor(learning.data$treatment)
learning.data$color <- as.factor(learning.data$color)
learning.data$unique.beeid <- as.factor(learning.data$unique.beeid)
```

```
# NICOLE
learning.data$number.startbees <-
as.integer(learning.data$number.startbees)
learning.data$prop.sunny....<- as.integer(learning.data$prop.sunny....)
learning.data$sul <- as.factor(learning.data$sul)
learning.data$azo <- as.factor(learning.data$azo)
learning.data$feeder <- as.integer(learning.data$feeder)
learning.data$visit.nr <- as.integer(learning.data$visit.nr, na.rm = TRUE)
learning.data$correct <- as.integer(learning.data$correct, na.rm = TRUE)
learning.data$dist.rel <- as.numeric(learning.data$dist.rel, na.rm = TRUE)
learning.data$time..hh.mmss. <- format(learning.data$time..hh.mmss., 19,
na.rm = TRUE)

#pollination$s_past_midnight <- period_to_seconds(hm(pollination$daytime))
#calculates "seconds after midnight, numeric variable, packagelubridate
#pollination$h_past_midnight <- pollination$s_past_midnight/3600
#calculates "hours after midnight, numeric variable, package lubridate

learning.data$time.min <- as.numeric(learning.data$time.min, na.rm = TRUE)
learning.data$time.difference <- format(learning.data$time..hh.mmss., 19,
na.rm = TRUE)
learning.data$time.diff.min <- as.numeric(learning.data$time.diff.min,
na.rm = TRUE)

# order treatment factor
learning.data$treatment <- factor(learning.data$treatment,
                                  levels = c("con","sul","azo","mix"))

#-------------------------------------------------------------------------------
# INSPECT RAW DATA
#-------------------------------------------------------------------------------
#### 1. FORAGING PERFORMANCE
################################################################################

total.visits <- learning.data %>% group_by(unique.beeid, treatment) %>%
filter(feeder==1) %>%
  summarize(total.visits = n())

summary(total.visits)
plot(total.visits$total.visits) # many low numbers
boxplot(total.visits ~ treatment, data = total.visits) # looks identical
across treatments

total.visits.mean.se <- total.visits %>% group_by(treatment) %>%
  summarize(mean = mean(total.visits), se = std.error(total.visits))
ggplot(total.visits.mean.se, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE of total flowers visited per bee")+
  xlab("Treatment")
  # slightly less visits in AZO? The most visits in SUL?

total.visits.median.se <- total.visits %>% group_by(treatment) %>%
  summarize(median = median(total.visits), se = std.error(total.visits))
ggplot(total.visits.median.se, aes(x=treatment, y =median))+
  geom_point()+
```

```
  geom_errorbar(aes(ymin=median-se, ymax=median+se))+
  theme_bw()+
  ylab("Median +- SE of total flowers visited per bee")+
  xlab("Treatment")
  # I can remember that SUL had two times bees with visits over 100. So,
these bees are raising the mean.
  # But still, AZO is low but now similar to SUL.
  # CON has the most visits, MIX.median looks quite similar to MIX.mean

# DISTANCE ####
# How far did a bee fly
total.distance <- learning.data %>% group_by(unique.beeid, treatment) %>%
filter(feeder==1) %>%
  summarize(total.distance = sum(dist.rel, na.rm = TRUE))
learning.data <- learning.data %>% left_join(total.distance,
by=c("unique.beeid","treatment")) #total distance as new column

summary(total.distance)
plot(total.distance$total.distance)
boxplot(total.distance ~ treatment, data = total.distance)

total.distance.mean.se <- total.distance %>% group_by(treatment) %>%
  summarize(mean = mean(total.distance), se = std.error(total.distance))
ggplot(total.distance.mean.se, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE of total distance per bee")+
  xlab("Treatment")

#SUL and CON bees flew slightly further than MIX and AZO.

# FORAGING PERIOD
# time between first and last visit
total.time <- learning.data %>% group_by(unique.beeid, treatment) %>%
filter(feeder==1) %>%
  summarize(total.time = sum(time.diff.min, na.rm = TRUE))
learning.data <- learning.data %>% left_join(total.time,
by=c("unique.beeid","treatment")) #total time as new column

summary(total.time)
plot(total.time$total.time)
boxplot(total.time ~ treatment, data = total.time)

total.time.mean.se <- total.time %>% group_by(treatment) %>%
  summarize(mean = mean(total.time), se = std.error(total.time))
ggplot(total.time.mean.se, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE of total time/foraging period per bee")+
  xlab("Treatment")

#SUL has the shortest foraging period. - Most visits in the shortest amount
of time? - MIX similar
#COn has the longest foraging period
#AZO has a longer foraging period than SUL and MIX, however less visits
```

```
# FIRST VISIT
# How much time past till the first visit took place? ;How long did the
bees wait to forage?

first.visit <- learning.data %>% group_by(unique.beeid, treatment) %>%
filter(feeder==1) %>%
  filter(visit.nr == 1) %>%
  summarize(first.visit = sum(time.min, na.rm = TRUE))
learning.data <- learning.data %>% left_join(first.visit,
by=c("unique.beeid","treatment")) #first visit as new column

summary(first.visit)
plot(first.visit$first.visit)
boxplot(first.visit ~ treatment, data = first.visit, ylab = 'first visit
[min]')

first.visit.mean.se <- first.visit %>% group_by(treatment) %>%
  summarize(mean = mean(first.visit), se = std.error(first.visit))
ggplot(first.visit.mean.se, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE of first visit [min] per bee")+
  xlab("Treatment")

# MIX bees took the most time till they started foraging, followed by SUL
# Con and AZO similar

#Which visits took place within the first hour? TOTAL
visits.60min <- learning.data %>% filter(time.min <= 60) %>%
filter(feeder==1) %>%

total.visits.60min <- visits.60min %>% group_by(unique.beeid, treatment)
%>%
  summarize(total.visits.60min = n())
plot(total.visits.60min$total.visits.60min)
boxplot(total.visits.60min ~ treatment, data = total.visits.60min) #looks
similar across treatments

#Which visits took place within the first half hour? TOTAL
visits.30min <- learning.data %>% filter(time.min <= 30) %>%
filter(feeder==1) %>%

total.visits.30min <- visits.30min %>% group_by(unique.beeid, treatment)
%>%
  summarize(total.visits.30min = n())
plot(total.visits.30min$total.visits.30min)
boxplot(total.visits.30min ~ treatment, data = total.visits.30min)


#### 2. CORRECTNESS
# proportion of correct visits in first 15 visits of bees; DETAILED
############################################################

# join total number of flower visits that each bee did to original table
learning.data <- learning.data %>% left_join(total.visits,
by=c("unique.beeid","treatment")) #total visits as new column
```

```
# select only bees with 15 or more visits (>= 15)
visits.more15 <- learning.data %>% filter(total.visits >= 15)

# filter the data to only get visits 1-15 (in order to have comparable
results)
visits15 <- visits.more15 %>% filter(visit.nr <= 15)

# calculate for each bee the proportion of correct visits during these 15
visits
n.corr15 <- visits15 %>% group_by(unique.beeid, treatment) %>%
filter(correct == 1) %>%
  summarize(n.corr15 = n())
n.wrong15 <- visits15 %>% group_by(unique.beeid, treatment) %>%
filter(correct == 0) %>%
  summarize(n.wrong15 = n())

n.corr.wrong15 <- n.corr15 %>% left_join(n.wrong15,
by=c("unique.beeid","treatment")) #new column
n.corr.wrong15[is.na(n.corr.wrong15)] <- 0
n.corr.wrong15$n.total = n.corr.wrong15$n.corr15 + n.corr.wrong15$n.wrong15
#total number of visits as a sum of corr and wrong
n.corr.wrong15$prop.correct15 <- n.corr.wrong15$n.corr15/
n.corr.wrong15$n.total # proportion correct visits

plot(n.corr.wrong15$prop.correct15) # a lot of bees with 100% correct
visits
boxplot(prop.correct15 ~ treatment, data = n.corr.wrong15) #SUL seems so
have the highest correctness within these 15 visits

prop.corr.mean.se15 <- n.corr.wrong15 %>% group_by(treatment) %>%
  summarize(mean = mean(prop.correct15), se = std.error(prop.correct15))
ggplot(prop.corr.mean.se15, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE prop. correct in first 15 visits")+
  xlab("Treatment")
# SUL has the highest correctness within the first 15 visits, Mix the
lowest correctness

#show me the ones with correctness '1'
n.corr.100 <- n.corr.wrong15 %>% group_by(treatment) %>%
filter(prop.correct15==1) %>%
  summarize(n.corr.100 = n())
boxplot(n.corr.100 ~ treatment, data = n.corr.100, ylab = 'Single choice
bees')
#SUL has the highest amount of bees with just one choice in color; 100%
correctness

# exclude bees with 100% correctness?
n.corr.wrong.nogeniusbees <- n.corr.wrong15 %>% filter(!prop.correct15==1)
#'!' schliesst '1' aus
boxplot(prop.correct15 ~ treatment, data = n.corr.wrong.nogeniusbees) #
well well...

prop.corr.mean.se.nogenius <- n.corr.wrong.nogeniusbees %>%
group_by(treatment) %>%
  summarize(mean = mean(prop.correct15), se = std.error(prop.correct15))
```

```
ggplot(prop.corr.mean.se.nogenius, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE prop. correct in first 15 visits no genius bees")+
  xlab("Treatment")
# SUL has still the highest correctness, however not that clearly; smaller
gaps
# The order of these four treatments is pretty much the same as when the
'single choice bees' were included

# Another visit range? - Maybe the learning happens after 15, around 20?
# select only bees with 20 or more visits (>= 20)
visits.more20 <- learning.data %>% filter(total.visits >= 20)

# filter the data to only get visits 1-20 (in order to have comparable
results)
visits20 <- visits.more20 %>% filter(visit.nr <= 20)

# calculate for each bee the proportion of correct visits during these 20
visits
n.corr20 <- visits20 %>% group_by(unique.beeid, treatment) %>%
filter(correct == 1) %>%
  summarize(n.corr20 = n())
n.wrong20 <- visits20 %>% group_by(unique.beeid, treatment) %>%
filter(correct == 0) %>%
  summarize(n.wrong20 = n())

n.corr.wrong20 <- n.corr20 %>% left_join(n.wrong20,
by=c("unique.beeid","treatment")) #new column
n.corr.wrong20[is.na(n.corr.wrong20)] <- 0 #for NA values; if NA than 0
n.corr.wrong20$n.total = n.corr.wrong20$n.corr20 + n.corr.wrong20$n.wrong20
#total number of visits as a sum of corr and wrong
n.corr.wrong20$prop.correct20 <- n.corr.wrong20$n.corr20/
n.corr.wrong20$n.total # proportion correct visits

plot(n.corr.wrong20$prop.correct20) # a lot of bees with 100% correct
visits
boxplot(prop.correct20 ~ treatment, data = n.corr.wrong20) #SUL seems so
have the highest correctness within these 15 visits

prop.corr.mean.se20 <- n.corr.wrong20 %>% group_by(treatment) %>%
  summarize(mean = mean(prop.correct20), se = std.error(prop.correct20))
ggplot(prop.corr.mean.se20, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE prop. correct in first 20 visits")+
  xlab("Treatment")

#SUL has still the highest correctness within 20 visits, however not that
obvious
#SUL, AZO and CON behave similarly with increasing visit number (increasing
correctness); approach each other
#However, MIX is obviously different. MIX has the lowest correctness even
if I'm changing the visit nr to 40

#time it took for 15 visits
```

```
visited.15 <- learning.data %>% filter(visit.nr == 15) %>%
time.15visits <- visited.15 %>% group_by(unique.beeid, treatment) %>%
  summarize(time.15visits = sum(time.min, na.rm = TRUE))
learning.data <- learning.data %>% left_join(time.15visits,
by=c("unique.beeid","treatment"))

plot(time.15visits$time.15visits)
boxplot(time.15visits ~ treatment, data = time.15visits)

time.15visits.mean.se <- time.15visits %>% group_by(treatment) %>%
  summarize(mean = mean(time.15visits), se = std.error(time.15visits))
ggplot(time.15visits.mean.se, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE of time it took for 15 visits")+
  xlab("Treatment")

#SUL and MIX took longer as CON and AZO to complete 15 visits; MIX almost
twice as long
#In general, we had more visits form SUL and MIX, however these bees did
not complete the 15 visits each

#How long was the foraging period for these 15 visits? - First visit till
completion of 15 visits
foraging.period.15 <- learning.data %>% group_by(unique.beeid, treatment)
%>% filter(visit.nr == 15) %>%
  summarize(foraging.period.15 = sum(time.15visits,na.rm=TRUE) -
sum(first.visit,na.rm=TRUE))
learning.data <- learning.data %>% left_join(foraging.period.15,
by=c("unique.beeid","treatment"))

plot(foraging.period.15$foraging.period.15)
boxplot(foraging.period.15 ~ treatment, data = foraging.period.15, ylab =
'foraging period for 15 visits')

foraging.period.15.mean.se <- foraging.period.15 %>% group_by(treatment)
%>%
  summarize(mean = mean(foraging.period.15), se =
std.error(foraging.period.15))
ggplot(first.visit.mean.se, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE of foraging period for 15 visits")+
  xlab("Treatment")

#similar distribution as visited.15

# select visits within the first hour
visits.60min <- learning.data %>% filter(time.min <= 60)
# calculate for each bee the proportion of correct visits during the first
hour
n.corr.60min <- visits.60min %>% group_by(unique.beeid, treatment) %>%
filter(correct == 1) %>%
  summarize(n.corr.60min = n())
n.wrong.60min <- visits.60min %>% group_by(unique.beeid, treatment) %>%
filter(correct == 0) %>%
```

```
  summarize(n.wrong.60min = n())

n.corr.wrong.60min <- n.corr.60min %>% left_join(n.wrong.60min,
by=c("unique.beeid","treatment")) #new column
n.corr.wrong.60min[is.na(n.corr.wrong.60min)] <- 0
n.corr.wrong.60min$n.total = n.corr.wrong.60min$n.corr.60min +
n.corr.wrong.60min$n.wrong.60min #total number of visits as a sum of corr
and wrong
n.corr.wrong.60min$prop.correct.60min <- n.corr.wrong.60min$n.corr.60min/
n.corr.wrong.60min$n.total # proportion correct visits

plot(n.corr.wrong.60min$prop.correct.60min) # a lot of bees with 100%
correct visits
boxplot(prop.correct.60min ~ treatment, data = n.corr.wrong.60min) #SUL
seems so have the highest correctness within these 15 visits

prop.corr.mean.se.60min <- n.corr.wrong.60min %>% group_by(treatment) %>%
  summarize(mean = mean(prop.correct.60min), se = std.error(prop.correct.
60min))
ggplot(prop.corr.mean.se.60min, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE prop. correct in first hour")+
  xlab("Treatment")
# SUL still the  best ...

#exclude bees with 100% correctness (always same color choice)
n.corr.wrong.dummies <- n.corr.wrong.60min %>% filter(!prop.correct.60min
==1)
boxplot(prop.correct.60min ~ treatment, data = n.corr.wrong.dummies) # well
well...

prop.corr.mean.se.dummies <- n.corr.wrong.dummies %>% group_by(treatment)
%>%
  summarize(mean = mean(prop.correct.60min), se = std.error(prop.correct.
60min))
ggplot(prop.corr.mean.se.dummies, aes(x=treatment, y =mean))+
  geom_point()+
  geom_errorbar(aes(ymin=mean-se, ymax=mean+se))+
  theme_bw()+
  ylab("Mean +- SE prop. correct in first hour dummies")+
  xlab("Treatment")

#not that much difference



#-------------------------------------------------------------------------------
# MODELS
#-------------------------------------------------------------------------------

# How many feeders did participate
total.bees.pervisit <- learning.data %>% group_by(visit.nr, treatment) %>%
filter(feeder==1) %>%
  summarize(total.visits = n())

# A) FORAGING PERFORMANCE
```

```
#####
#1. VISITATION RATE

# including total.obeservationtime as a factor; however, first transform
the data
learning.data$s_observationtime <-
period_to_seconds(hm(learning.data$total.oberservationtime))
learning.data$h_observationtime <- learning.data$s_observationtime/3600
learning.data <- learning.data %>% dplyr::select(-s_observationtime)

# standardization; total.visits/observationtime; visitation rate
learning.data$visits.per.observation <- learning.data$total.visits/
learning.data$h_observationtime

visits.per.observation <- learning.data %>% filter(!
is.na(visits.per.observation)) %>% filter(!visits.per.observation == Inf)
%>% filter(feeder==1) %>%
  group_by(round, unique.beeid, treatment, h_observationtime, sul, azo) %>%
  summarize(visits.per.observation = first(visits.per.observation))

mean(visits.per.observation$visits.per.observation) #average over all
treatment groups
sd(visits.per.observation$visits.per.observation)

visits.per.observation_pertreatment <- visits.per.observation %>%
  group_by(treatment, visits.per.observation) %>% filter(treatment ==
'con') #change for each treatment
mean(visits.per.observation_pertreatment$visits.per.observation)
sd(visits.per.observation_pertreatment$visits.per.observation)

# Normal distribution?
qqnorm(visits.per.observation$visits.per.observation)
qqline(visits.per.observation$visits.per.observation)
hist(visits.per.observation$visits.per.observation)#no

qqnorm(sqrt(visits.per.observation$visits.per.observation))
qqline(sqrt(visits.per.observation$visits.per.observation))
hist(sqrt(visits.per.observation$visits.per.observation)) #yes

visits.per.observation$visits.per.observation <-
as.numeric(visits.per.observation$visits.per.observation, na.rm = TRUE)
shapiro.test(sqrt(visits.per.observation$visits.per.observation)) #yes

# Linear Mixed-Effect Model
m1 <- lmer(sqrt(visits.per.observation) ~ sul*azo + (1|round), data =
visits.per.observation)
m1.2 <- lmer(sqrt(visits.per.observation) ~ sul+azo + (1|round), data =
visits.per.observation)

E <- resid(m1)
Fit <- fitted(m1)
plot(x=Fit, y=E, xlab="Fitted values", ylab="Residuals", main= "Residuals
vs. fitted values of sqrt(visitation rate) lmer")
qqnorm(E, main='Normal Q-Q Plot of sqrt(visitation rate) lmer')
qqline(E)
hist(E, main='Histogramm of sqrt(visitation rate) lmer')
```

```
simulationOutput <- simulateResiduals(fittedModel = m1)
plot(simulationOutput)
testDispersion(simulationOutput)

# Effects?
summary(m1)
Anova(m1)
drop1(m1, test="Chisq", ddf="lme4")
drop1(m1.2, test="Chisq", ddf="lme4")


# Plot
cat_plot(m1, "azo", "sul", interval=T, int.type = "confidence", int.width =
0.95, partial.residuals = F, plot.points = T,
         errorbar.width = 0.4, colors = c("black", "purple"), dodge.width =
0.6,
         y.label ="sqrt (visitation rate)",
         outcome.scale = "response",point.size = 1, line.thickness = 1.2)+
  theme_bw()+
  theme(legend.position = c(0.95,0.95),
        legend.justification = c("right","top"),
        legend.background = element_rect(fill=alpha("white",0)),
        legend.title = element_text('sul'),
        text = element_text(size=16),
        axis.title.x= element_text('azo'),
        axis.title.y = element_text(size = 14, angle = 90,
margin=margin(t=0, r=4, b=0, l=0)),
        axis.text.x = element_text(size = 14),
        axis.text.y = element_text(size = 14),
        title = element_text(size = 16))

plot(allEffects(m1))

##########
# 2. FIRST VISIT

# no standardization needed; skip observationtime as a variable in the
model
first.visit <- learning.data %>% filter(!is.na(first.visit)) %>%
filter(feeder==1) %>%
  group_by(round, unique.beeid, treatment, h_observationtime, sul, azo) %>%
  summarize(first.visit = first(first.visit))

mean(first.visit$first.visit) #average over all treatments
sd(first.visit$first.visit)

first.visit_pertreatment <- first.visit %>% group_by(treatment,
first.visit) %>%
  filter(treatment == 'con') #change for each treatment
mean(first.visit_pertreatment$first.visit)
sd(first.visit_pertreatment$first.visit)


# Normal distribution?
qqnorm(first.visit$first.visit)
qqline(first.visit$first.visit)
hist(first.visit$first.visit)#no
```

```
qqnorm(sqrt(first.visit$first.visit))
qqline(sqrt(first.visit$first.visit))
hist(sqrt(first.visit$first.visit)) #more or less yes

first.visit$first.visit <- as.numeric(first.visit$first.visit, na.rm =
TRUE)
shapiro.test(sqrt(first.visit$first.visit)) #yes

# Linear Mixed-Effect Model
m2 <- lmer(sqrt(first.visit) ~ sul*azo +(1|round), first.visit) #with
interaction; ML instead of REML
m2.2 <- lmer(sqrt(first.visit) ~ sul+azo + (1|round), first.visit) #with
interaction; ML instead of REML

E <- resid(m2)
Fit <- fitted(m2)
plot(x=Fit, y=E, xlab="Fitted values", ylab="Residuals", main= "Residuals
vs. fitted values of sqrt(first visit) lmer")
qqnorm(E, main='Normal Q-Q Plot of of sqrt(first visit) lmer')
qqline(E)
hist(E, main='Histogramm of of sqrt(first visit) lmer')

simulationOutput <- simulateResiduals(fittedModel = m2)
plot(simulationOutput)
testDispersion(simulationOutput)

# Effects?
summary(m2)
Anova(m2) # approx.p values
drop1(m2, test="Chisq", ddf="lme4")
drop1(m2.2, test="Chisq", ddf="lme4")

# Plot
cat_plot(m2, "azo", "sul", interval=T, int.type = "confidence", int.width =
0.95, partial.residuals = F, plot.points = T,
         errorbar.width = 0.4, colors = c("black", "purple"), dodge.width =
0.6,
         y.label ="sqrt (time until first visit)",
         outcome.scale = "response",point.size = 1, line.thickness = 1.2)+
  theme_bw()+
  theme(legend.position = c(0.95,0.95),
        legend.justification = c("right","top"),
        legend.background = element_rect(fill=alpha("white",0)),
        legend.title = element_text('sul'),
        text = element_text(size=16),
        axis.title.x= element_text('azo'),
        axis.title.y = element_text(size = 14, angle = 90,
margin=margin(t=0, r=4, b=0, l=0)),
        axis.text.x = element_text(size = 14),
        axis.text.y = element_text(size = 14),
        title = element_text(size = 16))

plot(allEffects(m2))


# no analysis of foraging period anymore, not really a use because we
cannot say if a longer
# foraging period is more useful or less efficient
```

```
# furthermore, the standardization didn't work

#####
# 3. TOTAL DISTANCE

total.distance <- learning.data %>% filter(!is.na(total.distance)) %>%
filter(feeder==1) %>%
  group_by(round, unique.beeid, treatment, h_observationtime, sul, azo) %>%
  summarize(total.distance = first(total.distance))

mean(total.distance$total.distance) #average over all treatments
sd(total.distance$total.distance)

total.distance_pertreatment <- total.distance %>% group_by(treatment,
total.distance) %>%
  filter(treatment == 'con') #change for each treatment
mean(total.distance_pertreatment$total.distance)
sd(total.distance_pertreatment$total.distance)


# Normal distribution?
qqnorm(total.distance$total.distance)
qqline(total.distance$total.distance)
hist(total.distance$total.distance)#no

qqnorm(sqrt(total.distance$total.distance))
qqline(sqrt(total.distance$total.distance))
hist(sqrt(total.distance$total.distance)) #yes

total.distance$total.distance <- as.numeric(total.distance$total.distance,
na.rm = TRUE)
shapiro.test(sqrt(total.distance$total.distance))

# Linear Mixed-Effect Model
m3 <- lmer(sqrt(total.distance) ~ sul * azo + h_observationtime + (1|
round), total.distance) #with interaction; ML instead of REML
m3.2 <- lmer(sqrt(total.distance) ~ sul + azo + h_observationtime + (1|
round), total.distance) #with interaction; ML instead of REML

E <- resid(m3)
Fit <- fitted(m3)
plot(x=Fit, y=E, xlab="Fitted values", ylab="Residuals", main= "Residuals
vs. fitted values of sqrt(total distance) lmer")
qqnorm(E, main='Normal Q-Q Plot of of sqrt(total distance) lmer')
qqline(E)
hist(E, main='Histogramm of of sqrt(total distance) lmer')

simulationOutput <- simulateResiduals(fittedModel = m3)
plot(simulationOutput)
testDispersion(simulationOutput)

# Effects?
summary(m3)
Anova(m3)
drop1(m3, test="Chisq", ddf="lme4")
drop1(m3.2, test="Chisq", ddf="lme4")

# Plot
```

```
cat_plot(m3, "azo", "sul", interval=T, int.type = "confidence", int.width =
0.95, partial.residuals = F, plot.points = T,
         errorbar.width = 0.4, colors = c("black", "purple"), dodge.width =
0.6,
         y.label ="sqrt (total distance)",
         outcome.scale = "response",point.size = 1, line.thickness = 1.2)+
  theme_bw()+
  theme(legend.position = c(0.95,0.95),
        legend.justification = c("right","top"),
        legend.background = element_rect(fill=alpha("white",0)),
        legend.title = element_text('sul'),
        text = element_text(size=16),
        axis.title.x= element_text('azo'),
        axis.title.y = element_text(size = 14, angle = 90,
margin=margin(t=0, r=4, b=0, l=0)),
        axis.text.x = element_text(size = 14),
        axis.text.y = element_text(size = 14),
        title = element_text(size = 16))

######
# 4. RELATIVE DISTANCE

# try to anaylse individual distances per bee because standardization
# (total.distance/total.visits) did not work
relative.dist <- learning.data %>% filter(!is.na(dist.rel)) %>%
filter(feeder==1)%>%
  group_by(round, unique.beeid, treatment, h_observationtime, sul, azo,
dist.rel)

mean(relative.dist$dist.rel) #average over all treatments
sd(relative.dist$dist.rel)

relative.dist_pertreatment <- relative.dist %>% group_by(treatment,
dist.rel) %>%
  filter(treatment == 'con') #change for each treatment
mean(relative.dist_pertreatment$dist.rel)
sd(relative.dist_pertreatment$dist.rel)

# Normal distribution?
qqnorm(relative.dist$dist.rel)
qqline(relative.dist$dist.rel)
histogram(relative.dist$dist.rel, xlab="relative distance per
bee",ylab="percent of total", col="deepskyblue") #no

poisson.test(sum(relative.dist$dist.rel), length(relative.dist$dist.rel))

# Generalised Linear Mixed-Effect Model
m4 <- glmer(dist.rel ~ sul* azo + (1|round/unique.beeid), family = poisson,
relative.dist)
m4.2 <- glmer(dist.rel ~ sul + azo + (1|round/unique.beeid), family =
poisson, relative.dist)

overdisp_fun <- function(model) {
  rdf <- df.residual(model)
  rp <- residuals(model,type="pearson")
  Pearson.chisq <- sum(rp^2)
  prat <- Pearson.chisq/rdf
  pval <- pchisq(Pearson.chisq, df=rdf, lower.tail=FALSE)
```

```
  c(chisq=Pearson.chisq,ratio=prat,rdf=rdf,p=pval)
}
overdisp_fun(m4)

# Effects?
summary(m4)
Anova(m4)
drop1(m4, test="Chisq")
drop1(m4.2, test="Chisq")

# Plot
cat_plot(m4, "azo", "sul", interval=T, int.type = "confidence", int.width =
0.95, partial.residuals = F, plot.points = F,
         errorbar.width = 0.4, colors = c("black", "purple"), dodge.width =
0.6,
         y.label ="relative distance",
         outcome.scale = "response",point.size = 0.2, line.thickness = 0.5)
+
  theme_bw()+
  theme(legend.position = c(0.95,0.95),
        legend.justification = c("right","top"),
        legend.background = element_rect(fill=alpha("white",0)),
        legend.title = element_text('sul'),
        text = element_text(size=16),
        axis.title.x= element_text('azo'),
        axis.title.y = element_text(size = 14, angle = 90,
margin=margin(t=0, r=4, b=0, l=0)),
        axis.text.x = element_text(size = 14),
        axis.text.y = element_text(size = 14),
        title = element_text(size = 16))

plot(m4)
plot(allEffects(m4), ylab = "relative distance per bee",
     main = "Effect plot of Sul*Azo on relative flying distance per bee per
treatment")
allEffects(m4)

##############################################################################
# B) LEARNING
#############################

# learning data filtered: 45 visits
learning.data.45 <- learning.data %>% filter (visit.nr <= 45) %>%
filter(feeder==1)
# still 15 bees per treatment and saturation of the curves
# no overdispersion needed due to binary binominal data

#######
# 1. WITH random slope
# Random slope, bees are different per se

m5 <- glmer(correct ~ sul * azo + sul*visit.nr +azo*visit.nr+ (1+visit.nr|
round/unique.beeid), family = binomial, learning.data.45,
            control=glmerControl(optimizer="bobyqa",
optCtrl=list(maxfun=100000)))
m5b <- glmer(correct ~ sul + azo + visit.nr + (1|round/unique.beeid),
family = binomial, learning.data.45)
```

```
m5c <- glmer(correct ~ treatment*visit.nr + (1+visit.nr|round/
unique.beeid), family = binomial, learning.data.45,
             control=glmerControl(optimizer="bobyqa",
optCtrl=list(maxfun=100000)))

plot(m5)
plot(allEffects(m5))
allEffects(m5)

summary(m5)
Anova(m5)
drop1(m5, test="Chisq")
drop1(m5b, test="Chisq")
Anova(m5c)

# 3-times Interaktion; for completeness
# the connections are more difficult to understand in the triple
interaction
m6 <- glmer(correct ~ sul * azo * visit.nr+ (1+visit.nr|round/
unique.beeid), family = binomial, learning.data.45,
            control=glmerControl(optimizer="bobyqa",
optCtrl=list(maxfun=100000)))
m6b <- glmer(correct ~ sul + azo + visit.nr + (1|round/unique.beeid),
family = binomial, learning.data.45)
m6c <- glmer(correct ~ treatment*visit.nr + (1+visit.nr|round/
unique.beeid), family = binomial, learning.data.45,
             control=glmerControl(optimizer="bobyqa",
optCtrl=list(maxfun=100000)))

summary(m6)
Anova(m6)
drop1(m6, test="Chisq")
drop1(m6b, test="Chisq")

# Plot
interact_plot(m5,"visit.nr","sul", interval = F)
interact_plot(m5,"visit.nr","azo", interval = T)
interact_plot(m5c,"visit.nr","treatment")

interact_plot(m5c,"visit.nr","treatment", y.label = 'proportion
correctness', x.label = 'number of visits')
interact_plot(m5c,"visit.nr","treatment", interval = T, int.type =
"confidence", int.width = 0.95,
              y.label = 'proportion correctness', x.label = 'number of
visits')

# Influence of SUL and AZO on MIx curve as well
interact_plot(m6,"visit.nr","sul", interval = T, int.type = "confidence",
int.width = 0.95,
              y.label = 'proportion correctness', x.label = 'number of
visits')
interact_plot(m6,"visit.nr","azo", interval = T, int.type = "confidence",
int.width = 0.95,
              y.label = 'proportion correctness', x.label = 'number of
visits')


# post hoc for treatment; to know what the value of treatment means
```

```
hsd <- glht(m2c, linfct = mcp(treatment = "Tukey", interaction_average =
TRUE, covariate_average = TRUE)); summary(hsd)


######
# 2. WITHOUT random slope
m7 <- glmer(correct ~ sul * azo + sul*visit.nr +azo*visit.nr+ (1|round/
unique.beeid), family = binomial, learning.data.45)
m7b <- glmer(correct ~ sul + azo + visit.nr + (1|round/unique.beeid),
family = binomial, learning.data.45)
m7c <- glmer(correct ~ treatment * visit.nr+ (1|round/unique.beeid), family
= binomial, learning.data.45,
             control=glmerControl(optimizer="bobyqa",
optCtrl=list(maxfun=100000)))

summary(m7)
Anova(m7)
drop1(m7, test="Chisq")
drop1(m7b, test="Chisq")


# 3-times Interaktion; for completeness
# the connections are more difficult to understand in the triple
interaction
m8 <- glmer(correct ~ sul * azo * visit.nr+ (1|round/unique.beeid), family
= binomial, learning.data.45)
m8b <- glmer(correct ~ sul + azo + visit.nr+ (1|round/unique.beeid), family
= binomial, learning.data.45)
# MIX hat kein interaktiver Effekt

summary(m8)
Anova(m8)
drop1(m8, test="Chisq")
drop1(m8b, test="Chisq")

# Plot
interact_plot(m7,"visit.nr","azo", interval = F)
interact_plot(m7,"visit.nr","sul", interval = T)
interact_plot(m5c,"visit.nr","treatment")

interact_plot(m7c,"visit.nr","treatment", y.label = 'correctness', x.label
= 'number of visits')
interact_plot(m7c,"visit.nr","treatment", interval = T, int.type =
"confidence", int.width = 0.95,
              y.label = 'correctness', x.label = 'number of visits')

#####
# Comparison with Random slope vs. without random slope
m1_random <- glmer(correct ~ sul * azo + sul*visit.nr +azo*visit.nr+
(1+visit.nr|round/unique.beeid), family = binomial, learning.data.45,
            control=glmerControl(optimizer="bobyqa",
optCtrl=list(maxfun=100000)))
m2_without <- glmer(correct ~ sul * azo + sul*visit.nr +azo*visit.nr+ (1|
round/unique.beeid), family = binomial, learning.data.45)

anova(m1_random, m2_without)
# AIC lower for m1_random, model is significally better than m2_without;
decision for 'with random slope'
```

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	10	R10_B10	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	1	p	1	F-	NA	02:13:00	133	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	2	p	1	Da	2	03:14:47	194.78	01:01:47	61.7833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	3	p	1	B@	2	03:17:10	197.17	00:02:23	2.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	4	p	1	Bx	2	03:17:12	197.2	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	5	p	1	Aa	1	03:20:40	200.67	00:03:28	3.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	6	p	1	A-	2	03:21:19	201.32	00:00:39	0.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	7	p	1	A-	0	03:22:00	202	00:00:41	0.6833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	8	p	1	Ax	3	03:22:52	202.87	00:00:52	0.8667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	9	p	1	Ax	0	03:24:34	204.57	00:01:42	1.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	10	p	1	Bx	1	03:25:00	205	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	11	p	1	Ex	3	03:25:48	205.8	00:00:48	0.8
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	12	p	1	Fx	1	03:26:34	206.57	00:00:46	0.7667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	13	p	1	E@	2	03:27:02	207.03	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	14	p	1	F-	1	03:27:46	207.77	00:00:44	0.7333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	15	p	1	E@	1	03:28:23	208.38	00:00:37	0.6167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	16	p	1	C+	2	03:29:02	209.03	00:00:39	0.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	17	p	1	C-	1	03:29:11	209.18	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	18	p	1	C-	0	03:29:33	209.55	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	19	p	1	B@	1	03:30:20	210.33	00:00:47	0.7833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	20	p	1	A-	1	03:31:08	211.13	00:00:48	0.8
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	21	p	1	C-	2	03:32:17	212.28	00:01:09	1.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	22	p	1	Da	2	03:32:50	212.83	00:00:33	0.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	23	p	1	Ca	1	03:33:48	213.8	00:00:58	0.9667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	24	p	1	Bx	1	03:34:29	214.48	00:00:41	0.6833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	25	p	1	Da	2	03:34:48	214.8	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	26	p	1	Ex	1	03:35:38	215.63	00:00:50	0.8333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	27	p	1	Da	1	03:35:58	215.97	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	28	p	1	C-	2	03:36:12	216.2	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	29	p	1	D-	1	03:36:21	216.35	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	30	p	1	E+	1	03:36:45	216.75	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	31	p	1	C+	2	03:37:37	217.62	00:00:52	0.8667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	32	p	1	C-	1	03:38:33	218.55	00:00:56	0.9333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	33	p	1	D-	1	03:38:41	218.68	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	34	p	1	F-	2	03:38:44	218.73	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	35	p	1	E+	1	03:39:25	219.42	00:00:41	0.6833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	12	R10_B12	sul	sul+	azo-	1	36	p	1	F-	1	03:39:44	219.73	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	15	R10_B15	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	1	p	1	F-	NA	01:24:35	84.58	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	2	p	1	E@	1	01:25:30	85.5	00:00:55	0.9167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	3	p	1	F+	2	01:25:47	85.78	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	4	p	1	E+	1	01:28:50	88.83	00:03:03	3.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	5	p	1	D-	1	01:29:08	89.13	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	6	p	1	Fx	3	01:31:35	91.58	00:02:27	2.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	7	p	1	E@	2	01:31:46	91.77	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	8	p	1	D-	1	01:33:38	93.63	00:01:52	1.8667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	9	p	1	E+	1	01:34:16	94.27	00:00:38	0.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	10	p	1	E@	2	01:36:28	96.47	00:02:12	2.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	11	p	1	D-	1	01:37:03	97.05	00:00:35	0.5833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	12	p	1	E+	1	01:37:20	97.33	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	13	p	1	E@	2	01:38:14	98.23	00:00:54	0.9
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	14	p	1	Da	1	01:38:47	98.78	00:00:33	0.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	15	p	1	Da	0	01:39:04	99.07	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	16	p	1	E+	3	01:39:16	99.27	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	17	p	1	D-	1	01:40:17	100.28	00:01:01	1.0167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	18	p	1	E@	1	01:40:59	100.98	00:00:42	0.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	19	p	1	F-	1	01:41:06	101.1	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	20	p	1	Fa	2	01:42:35	102.58	00:01:29	1.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	21	p	1	Fx	1	01:42:55	102.92	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	22	p	1	Fx	0	01:43:03	103.05	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	23	p	1	C@	3	01:43:27	103.45	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	24	p	1	A@	2	01:43:29	103.48	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	25	p	1	Cx	2	01:43:43	103.72	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	26	p	1	Fa	3	01:44:04	104.07	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	27	p	1	E@	1	01:44:14	104.23	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	28	p	1	D-	1	01:44:21	104.35	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	29	p	1	E+	1	01:44:28	104.47	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	30	p	1	Fa	3	01:44:34	104.57	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	31	p	1	Fx	1	01:44:40	104.67	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	32	p	1	Fx	0	01:44:45	104.75	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	33	p	1	Aa	5	01:44:53	104.88	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	34	p	1	A@	1	01:45:12	105.2	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	35	p	1	A@	0	01:45:20	105.33	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	36	p	1	Aa	1	01:45:26	105.43	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	37	p	1	A@	1	01:45:41	105.68	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	38	p	1	B-	1	01:45:48	105.8	00:00:07	0.1167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	39	p	1	C+	1	01:45:55	105.92	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	40	p	1	B-	1	01:46:35	106.58	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	41	p	1	A@	1	01:46:42	106.7	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	42	p	1	F-	5	01:46:52	106.87	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	43	p	1	E+	1	01:46:58	106.97	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	44	p	1	D-	1	01:47:04	107.07	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	45	p	1	C@	1	01:47:25	107.42	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	46	p	1	C+	2	01:47:59	107.98	00:00:34	0.5667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	47	p	1	Fa	3	01:48:16	108.27	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	48	p	1	Fx	1	01:48:18	108.3	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	49	p	1	Cx	3	01:48:29	108.48	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	50	p	1	Ba	1	01:48:36	108.6	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	51	p	1	Aa	1	01:48:43	108.72	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	52	p	1	E+	4	01:48:49	108.82	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	53	p	1	F+	1	01:48:54	108.9	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	54	p	1	Fx	4	01:49:04	109.07	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	55	p	1	Fa	1	01:49:19	109.32	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	56	p	1	D-	2	01:49:36	109.6	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	57	p	1	C+	1	01:49:40	109.67	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	58	p	1	C@	2	01:49:46	109.77	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	59	p	1	Ba	1	01:49:48	109.8	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	60	p	1	Cx	1	01:49:52	109.87	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	61	p	1	Da	1	01:50:00	110	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	62	p	1	E@	1	01:50:03	110.05	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	63	p	1	F-	1	01:50:12	110.2	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	64	p	1	Fx	3	01:50:20	110.33	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	65	p	1	Ba	4	01:50:40	110.67	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	17	R10_B17	sul	sul+	azo-	1	66	p	1	Cx	1	01:50:49	110.82	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	1	p	1	C-	NA	02:19:51	139.85	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	2	p	1	E@	2	02:21:52	141.87	00:02:01	2.0167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	3	p	1	F-	1	02:22:38	142.63	00:00:46	0.7667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	4	p	1	Ax	5	02:23:06	143.1	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	5	p	1	E+	4	02:25:25	145.42	00:02:19	2.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	6	p	1	D-	1	02:48:20	168.33	00:22:55	22.9167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	7	p	1	E@	1	02:50:18	170.3	00:01:58	1.9667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	8	p	1	Ca	2	02:52:42	172.7	00:02:24	2.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	9	p	1	E@	2	02:53:47	173.78	00:01:05	1.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	10	p	1	B@	3	02:54:09	174.15	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	11	p	1	Ca	1	02:54:50	174.83	00:00:41	0.6833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	12	p	1	Da	1	02:55:21	175.35	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	13	p	1	Fx	2	02:55:43	175.72	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	14	p	1	E+	4	02:56:05	176.08	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	15	p	1	D-	1	02:56:27	176.45	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	16	p	1	Aa	3	02:56:45	176.75	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	17	p	1	A-	2	02:56:54	176.9	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	18	p	1	Ax	3	02:57:14	177.23	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	19	p	1	B@	2	02:57:22	177.37	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	20	p	1	Ca	1	02:57:26	177.43	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	21	p	1	Da	1	02:57:33	177.55	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	22	p	1	Ex	1	02:57:45	177.75	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	23	p	1	Fx	1	02:57:53	177.88	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	24	p	1	F-	3	02:58:05	178.08	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	25	p	1	Ex	3	02:58:13	178.22	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	26	p	1	Fx	1	02:58:29	178.48	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	27	p	1	Da	2	02:58:41	178.68	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	28	p	1	B@	2	02:58:58	178.97	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	29	p	1	A-	1	02:59:13	179.22	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	30	p	1	A-	0	02:59:22	179.37	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	31	p	1	A-	0	02:59:34	179.57	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	32	p	1	Aa	2	02:59:51	179.85	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	33	p	1	Bx	1	02:59:58	179.97	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	34	p	1	E@	3	03:00:21	180.35	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	35	p	1	F-	1	03:00:38	180.63	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	36	p	1	E+	1	03:00:47	180.78	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	18	R10_B18	sul	sul+	azo-	1	37	p	1	A-	4	03:00:51	180.85	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	19	R10_B19	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	20	R10_B20	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	1	p	1	Ca	NA	02:18:29	138.48	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	2	p	1	Ca	0	02:20:25	140.42	00:01:56	1.9333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	3	p	1	E+	3	02:22:04	142.07	00:01:39	1.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	4	p	1	C-	2	02:22:15	142.25	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	5	y	0	A+	2	02:22:45	142.75	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	6	p	1	C+	2	02:22:48	142.8	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	7	p	1	E+	2	02:23:20	143.33	00:00:32	0.5333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	8	p	1	F-	1	02:23:33	143.55	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	9	p	1	F-	0	02:24:42	144.7	00:01:09	1.15

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	10	p	1	C+	3	02:24:54	144.9	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	11	p	1	A-	2	02:25:12	145.2	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	12	p	1	A-	0	02:25:36	145.6	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	13	p	1	B@	1	02:25:52	145.87	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	14	p	1	Aa	1	02:26:03	146.05	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	15	p	1	Ax	1	02:26:29	146.48	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	16	p	1	Aa	1	02:26:39	146.65	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	17	y	0	Ba	1	02:26:54	146.9	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	18	p	1	Aa	1	02:26:58	146.97	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	19	p	1	C+	3	02:27:12	147.2	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	20	p	1	Aa	3	02:27:30	147.5	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	21	p	1	Aa	0	02:27:49	147.82	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	22	p	1	Aa	0	02:28:10	148.17	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	23	p	1	B@	1	02:28:24	148.4	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	24	p	1	Ax	2	02:28:50	148.83	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	25	p	1	Bx	1	02:29:03	149.05	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	26	p	1	F-	4	02:29:26	149.43	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	27	p	1	F-	0	02:29:44	149.73	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	28	p	1	Da	2	02:30:02	150.03	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	29	p	1	Ex	1	02:30:10	150.17	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	30	p	1	Da	1	02:31:07	151.12	00:00:57	0.95
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	31	p	1	D-	2	02:31:33	151.55	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	32	p	1	E@	1	02:31:59	151.98	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	33	p	1	E@	0	02:32:38	152.63	00:00:39	0.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	34	p	1	D-	1	02:33:04	153.07	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	35	p	1	C-	1	02:33:16	153.27	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	36	p	1	Aa	2	02:33:34	153.57	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	37	p	1	Da	3	02:33:41	153.68	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	38	p	1	A-	3	02:33:55	153.92	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	39	p	1	Aa	2	02:34:11	154.18	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	40	p	1	A-	2	02:34:31	154.52	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	41	p	1	C+	2	02:34:49	154.82	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	42	p	1	Fx	4	02:34:58	154.97	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	43	p	1	C+	4	02:35:10	155.17	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	44	p	1	D-	1	02:35:33	155.55	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	45	p	1	C+	1	02:35:43	155.72	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	46	p	1	Ca	3	02:35:45	155.75	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	47	p	1	Ca	0	02:36:10	156.17	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	48	p	1	Aa	2	02:36:26	156.43	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	49	p	1	Ax	1	02:36:28	156.47	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	50	p	1	Aa	1	02:36:41	156.68	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	51	p	1	Ax	1	02:37:01	157.02	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	52	p	1	Aa	1	02:37:31	157.52	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	53	p	1	Ax	1	02:37:54	157.9	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	54	p	1	Ca	2	03:21:01	201.02	00:43:07	43.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	55	p	1	Aa	2	03:21:15	201.25	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	56	p	1	C+	3	03:21:27	201.45	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	57	p	1	E+	2	03:21:31	201.52	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	58	p	1	F-	1	03:21:45	201.75	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	59	p	1	E@	1	03:21:57	201.95	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	60	p	1	Fx	2	03:22:16	202.27	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	61	p	1	C+	4	03:22:37	202.62	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	62	p	1	E@	2	03:23:00	203	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	22	R10_B22	sul	sul+	azo-	1	63	p	1	Ex	2	03:23:12	203.2	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	1	p	1	D-	NA	02:16:24	136.4	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	2	p	1	C-	1	02:29:48	149.8	00:13:24	13.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	3	p	1	Bx	3	02:32:50	152.83	00:03:02	3.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	4	p	1	E@	3	02:52:14	172.23	00:19:24	19.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	5	p	1	E@	0	02:55:39	175.65	00:03:25	3.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	6	p	1	B@	3	02:55:54	175.9	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	7	p	1	C-	1	02:57:05	177.08	00:01:11	1.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	8	p	1	E+	2	02:57:19	177.32	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	9	p	1	E+	0	02:58:20	178.33	00:01:01	1.0167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	10	p	1	D-	1	02:58:37	178.62	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	11	p	1	C-	1	02:58:56	178.93	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	12	p	1	B@	1	02:59:20	179.33	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	13	p	1	Da	2	03:00:02	180.03	00:00:42	0.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	14	p	1	E@	1	03:00:24	180.4	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	15	p	1	F-	1	03:00:49	180.82	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	16	p	1	E@	1	03:01:09	181.15	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	17	p	1	Da	1	03:01:17	181.28	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	18	p	1	C-	2	03:01:35	181.58	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	19	p	1	E@	2	03:01:44	181.73	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	20	p	1	F-	1	03:02:10	182.17	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	21	p	1	F-	0	03:02:39	182.65	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	22	p	1	E+	1	03:02:45	182.75	00:00:06	0.1

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	23	p	1	Fx	4	03:03:10	183.17	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	24	p	1	Ex	1	03:03:15	183.25	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	25	p	1	E@	2	03:03:18	183.3	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	26	p	1	F-	1	03:03:30	183.5	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	27	p	1	B@	4	03:03:42	183.7	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	28	p	1	Bx	2	03:03:56	183.93	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	29	p	1	Ax	1	03:04:03	184.05	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	30	p	1	Aa	1	03:04:11	184.18	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	31	p	1	A-	2	03:04:26	184.43	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	32	p	1	C+	2	03:04:43	184.72	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	33	p	1	C-	1	03:04:48	184.8	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	34	p	1	Da	2	03:04:55	184.92	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	35	p	1	Ex	1	03:05:08	185.13	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	36	p	1	Fx	1	03:05:35	185.58	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	37	p	1	Ca	3	03:05:52	185.87	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	38	p	1	Aa	2	03:05:58	185.97	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	39	p	1	Aa	0	03:06:15	186.25	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	40	p	1	B@	1	03:06:20	186.33	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	41	p	1	A-	1	03:06:49	186.82	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	42	p	1	C+	2	03:06:55	186.92	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	43	p	1	D-	1	03:07:10	187.17	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	44	p	1	E+	1	03:07:13	187.22	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	45	p	1	D-	1	03:07:24	187.4	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	46	p	1	A-	3	03:07:46	187.77	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	47	p	1	B@	1	03:07:51	187.85	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	48	p	1	Aa	1	03:07:59	187.98	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	49	p	1	B@	1	03:08:06	188.1	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	50	p	1	A-	1	03:08:16	188.27	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	51	p	1	C-	2	03:08:27	188.45	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	52	p	1	C+	1	03:08:50	188.83	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	53	p	1	D-	1	03:09:07	189.12	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	54	p	1	F-	2	03:09:18	189.3	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	55	p	1	E@	1	03:09:31	189.52	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	56	p	1	Ca	2	03:09:39	189.65	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	57	p	1	Bx	1	03:09:49	189.82	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	58	p	1	Ax	1	03:10:04	190.07	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	59	p	1	B@	2	03:10:30	190.5	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	60	p	1	Aa	1	03:10:38	190.63	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	61	p	1	Ax	1	03:10:51	190.85	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	62	p	1	B@	2	03:13:18	193.3	00:02:27	2.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	63	p	1	Ca	1	03:13:35	193.58	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	64	p	1	Bx	1	03:13:43	193.72	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	65	p	1	Aa	1	03:13:59	193.98	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	66	p	1	B@	1	03:14:02	194.03	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	67	p	1	Ax	2	03:14:11	194.18	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	68	p	1	B@	2	03:14:18	194.3	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	69	p	1	C-	1	03:14:39	194.65	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	70	p	1	Ca	2	03:14:44	194.73	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	71	p	1	Ex	2	03:15:06	195.1	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	72	p	1	Fx	1	03:15:11	195.18	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	73	p	1	E@	2	03:15:25	195.42	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	74	p	1	F-	1	03:15:33	195.55	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	75	p	1	F-	0	03:15:49	195.82	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	76	p	1	E+	1	03:15:57	195.95	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	77	p	1	C-	2	03:16:02	196.03	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	78	p	1	B@	1	03:16:14	196.23	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	79	p	1	A-	1	03:16:21	196.35	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	80	p	1	F-	5	03:16:28	196.47	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	81	p	1	B@	4	03:16:37	196.62	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	82	p	1	C-	1	03:16:47	196.78	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	83	p	1	D-	1	03:16:49	196.82	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	84	p	1	E+	1	03:17:14	197.23	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	85	p	1	E@	2	03:17:38	197.63	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	86	p	1	F-	1	03:17:55	197.92	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	87	p	1	C-	3	03:18:01	198.02	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	88	p	1	D-	1	03:18:09	198.15	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	89	p	1	E+	1	03:18:16	198.27	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	24	R10_B24	sul	sul+	azo-	1	90	p	1	D-	1	03:18:35	198.58	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	1	p	1	D-	NA	01:53:46	113.77	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	2	p	1	E@	1	02:16:52	136.87	00:23:06	23.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	3	y	0	E-	1	02:18:42	138.7	00:01:50	1.8333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	4	p	1	C-	2	02:18:58	138.97	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	5	p	1	C+	1	02:20:12	140.2	00:01:14	1.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	6	p	1	C-	1	02:21:29	141.48	00:01:17	1.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	7	p	1	Ex	3	02:21:56	141.93	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	8	p	1	C-	3	02:22:07	142.12	00:00:11	0.1833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	9	p	1	E+	2	02:22:18	142.3	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	10	p	1	A-	4	02:23:18	143.3	00:01:00	1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	11	p	1	B@	1	02:23:35	143.58	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	12	p	1	Ax	2	02:24:07	144.12	00:00:32	0.5333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	13	p	1	Aa	1	02:24:26	144.43	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	14	p	1	Ax	1	02:25:34	145.57	00:01:08	1.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	15	p	1	E@	4	02:26:12	146.2	00:00:38	0.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	16	p	1	A-	4	02:28:38	148.63	00:02:26	2.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	17	p	1	A-	0	02:28:52	148.87	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	18	p	1	Aa	2	02:29:12	149.2	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	19	p	1	Da	3	02:29:22	149.37	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	20	p	1	E@	1	02:29:35	149.58	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	21	p	1	E+	2	02:29:55	149.92	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	22	p	1	D-	1	02:30:08	150.13	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	23	p	1	B@	2	02:30:49	150.82	00:00:41	0.6833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	24	p	1	A-	1	02:30:52	150.87	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	25	p	1	A-	0	02:31:10	151.17	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	26	p	1	Ca	2	02:31:19	151.32	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	27	p	1	Da	1	02:31:43	151.72	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	28	p	1	Ax	3	02:32:13	152.22	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	29	p	1	Aa	1	02:32:42	152.7	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	30	p	1	A-	2	02:33:13	153.22	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	31	p	1	B@	1	02:33:25	153.42	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	32	p	1	C-	1	02:33:43	153.72	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	33	p	1	F-	3	02:34:10	154.17	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	34	p	1	E@	1	02:34:26	154.43	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	35	p	1	Fx	2	02:35:14	155.23	00:00:48	0.8
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	36	p	1	C-	3	02:35:26	155.43	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	37	p	1	B@	1	02:36:06	156.1	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	38	p	1	Aa	1	02:36:14	156.23	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	39	p	1	E@	4	02:36:32	156.53	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	40	p	1	F-	1	02:36:44	156.73	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	41	p	1	Ex	3	02:36:50	156.83	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	42	p	1	Ca	2	02:36:59	156.98	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	43	p	1	Ax	2	02:38:57	158.95	00:01:58	1.9667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	44	p	1	Ax	0	02:39:21	159.35	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	45	p	1	Aa	1	02:39:25	159.42	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	46	p	1	A-	2	02:39:54	159.9	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	47	p	1	C+	2	02:40:18	160.3	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	48	p	1	C-	1	02:40:29	160.48	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	29	R10_B29	azo	sul-	azo+	1	49	p	1	D-	1	02:40:47	160.78	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	30	R10_B30	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	1	y	0	Ea	NA	01:29:27	89.45	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	2	y	0	F@	1	01:30:00	90	00:00:33	0.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	3	p	1	Fa	1	01:30:15	90.25	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	4	y	0	Ea	1	01:33:00	93	00:02:45	2.75
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	5	p	1	Fx	1	01:33:12	93.2	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	6	p	1	B-	4	01:35:32	95.53	00:02:20	2.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	7	p	1	B-	0	01:35:42	95.7	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	8	p	1	Ba	2	01:35:58	95.97	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	9	p	1	Da	2	01:36:04	96.07	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	10	p	1	Da	0	01:36:23	96.38	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	11	p	1	Fx	2	01:36:42	96.7	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	12	p	1	Fa	1	01:36:59	96.98	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	13	p	1	F-	2	01:37:07	97.12	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	14	p	1	F+	1	01:37:13	97.22	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	15	p	1	D-	2	01:37:22	97.37	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	16	p	1	C+	1	01:37:30	97.5	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	17	p	1	B-	1	01:37:33	97.55	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	18	p	1	A@	1	01:37:47	97.78	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	19	p	1	F-	5	01:38:10	98.17	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	20	p	1	E+	1	01:38:18	98.3	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	21	p	1	F-	1	01:38:35	98.58	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	22	p	1	F+	1	01:38:55	98.92	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	23	p	1	E+	1	01:39:00	99	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	24	p	1	D-	1	01:39:07	99.12	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	25	p	1	B-	2	01:39:14	99.23	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	26	p	1	B-	0	01:39:25	99.42	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	27	p	1	D-	2	01:39:36	99.6	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	28	p	1	F-	2	01:39:41	99.68	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	29	p	1	Fa	2	01:39:45	99.75	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	30	p	1	Fx	1	01:39:55	99.92	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	31	p	1	Ba	4	01:40:02	100.03	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	32	p	1	A@	1	01:40:05	100.08	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	33	p	1	Fa	5	01:40:19	100.32	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	34	p	1	Cx	3	01:40:23	100.38	00:00:04	0.0667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	35	p	1	Aa	2	01:40:30	100.5	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	36	p	1	Aa	0	01:40:34	100.57	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	37	p	1	A@	1	01:40:39	100.65	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	38	p	1	Cx	2	01:40:54	100.9	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	39	p	1	Fa	3	01:41:03	101.05	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	40	p	1	Fx	1	01:41:20	101.33	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	41	p	1	Fa	1	01:41:27	101.45	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	42	p	1	E+	3	01:42:59	102.98	00:01:32	1.5333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	43	p	1	F+	1	01:43:10	103.17	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	44	p	1	F-	1	01:43:20	103.33	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	45	p	1	B-	4	01:43:36	103.6	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	46	p	1	C@	1	01:43:50	103.83	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	47	p	1	Ba	1	01:44:31	104.52	00:00:41	0.6833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	48	p	1	Cx	1	01:44:37	104.62	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	49	p	1	D-	3	01:44:42	104.7	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	50	p	1	B-	2	01:44:48	104.8	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	51	p	1	A@	1	01:44:59	104.98	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	52	p	1	B-	1	01:45:15	105.25	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	53	p	1	Da	2	01:45:21	105.35	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	54	p	1	Ba	2	01:45:28	105.47	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	55	p	1	A@	1	01:45:31	105.52	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	56	p	1	C+	2	01:45:38	105.63	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	57	p	1	Fx	4	01:45:52	105.87	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	58	p	1	Fa	1	01:45:57	105.95	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	59	p	1	E@	1	01:46:08	106.13	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	60	p	1	Fa	1	01:46:22	106.37	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	61	p	1	Fx	1	01:46:24	106.4	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	62	p	1	Da	2	01:46:44	106.73	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	63	p	1	D-	2	01:46:50	106.83	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	64	p	1	Fa	2	01:46:55	106.92	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	65	p	1	Ba	4	01:47:10	107.17	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	66	p	1	Aa	1	01:47:15	107.25	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	67	p	1	Aa	0	01:47:23	107.38	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	68	p	1	A@	1	01:47:29	107.48	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	69	p	1	Fx	5	02:03:37	123.62	00:16:08	16.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	70	p	1	Aa	5	02:03:47	123.78	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	33	R10_B33	azo	sul-	azo+	1	71	p	1	Da	3	02:03:57	123.95	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	1	y	0	A+	NA	03:18:19	198.32	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	2	y	0	B+	1	03:18:38	198.63	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	3	p	1	C-	1	03:18:40	198.67	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	4	y	0	D@	1	03:21:24	201.4	00:02:44	2.7333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	5	y	0	Ba	2	03:22:06	202.1	00:00:42	0.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	6	p	1	C+	3	03:22:37	202.62	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	7	y	0	D+	1	03:28:37	208.62	00:06:00	6
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	8	p	1	D-	1	03:28:55	208.92	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	9	p	1	C-	1	03:30:13	210.22	00:01:18	1.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	10	p	1	A-	2	03:30:45	210.75	00:00:32	0.5333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	11	p	1	Aa	2	03:31:44	211.73	00:00:59	0.9833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	12	p	1	Ax	1	03:32:03	212.05	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	13	p	1	Bx	1	03:32:24	212.4	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	14	p	1	Ca	1	03:32:41	212.68	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	15	p	1	E@	2	03:32:54	212.9	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	16	p	1	D-	1	03:33:43	213.72	00:00:49	0.8167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	17	p	1	C+	1	03:33:54	213.9	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	18	p	1	C-	1	03:34:08	214.13	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	19	p	1	B@	1	03:34:16	214.27	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	20	p	1	A-	1	03:34:27	214.45	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	21	p	1	D-	3	03:34:44	214.73	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	22	p	1	E+	1	03:35:00	215	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	23	p	1	F-	1	03:35:10	215.17	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	24	p	1	Ex	3	03:35:15	215.25	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	25	p	1	Fx	1	03:35:55	215.92	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	26	p	1	Ex	1	03:36:15	216.25	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	27	p	1	F-	3	03:36:40	216.67	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	28	p	1	F-	0	03:36:43	216.72	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	29	p	1	F-	0	03:37:08	217.13	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	30	p	1	Fx	3	03:37:11	217.18	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	31	p	1	Ex	1	03:37:24	217.4	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	32	p	1	Fx	1	03:37:42	217.7	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	33	p	1	Ex	1	03:38:02	218.03	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	34	p	1	Ca	2	03:38:15	218.25	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	35	p	1	Bx	1	03:38:30	218.5	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	36	p	1	Ax	1	03:38:37	218.62	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	37	p	1	Aa	1	03:38:52	218.87	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	38	p	1	B@	1	03:39:10	219.17	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	39	p	1	A-	1	03:39:13	219.22	00:00:03	0.05

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	40	p	1	C+	2	03:39:19	219.32	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	41	p	1	D-	1	03:39:35	219.58	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	42	p	1	E@	1	03:39:46	219.77	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	43	p	1	B@	3	03:39:58	219.97	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	43	R10_B43	azo	sul-	azo+	1	44	p	1	Ax	2	03:40:00	220	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	44	R10_B44	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	1	p	1	E@	NA	01:46:19	106.32	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	2	y	0	Ea	1	01:46:40	106.67	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	3	y	0	Ex	1	01:46:47	106.78	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	4	p	1	Fa	1	01:52:30	112.5	00:05:43	5.7167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	5	p	1	Ba	4	01:53:34	113.57	00:01:04	1.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	6	p	1	A@	1	01:54:38	114.63	00:01:04	1.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	7	p	1	Ba	1	01:55:02	115.03	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	8	p	1	C@	1	01:55:18	115.3	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	9	p	1	E@	2	01:57:48	117.8	00:02:30	2.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	10	p	1	Ba	3	01:58:43	118.72	00:00:55	0.9167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	11	p	1	D-	2	01:59:08	119.13	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	12	p	1	Fa	2	01:59:13	119.22	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	13	p	1	Fx	1	01:59:26	119.43	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	14	p	1	E@	2	01:59:51	119.85	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	15	p	1	Fx	2	02:00:18	120.3	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	16	p	1	Da	2	02:00:33	120.55	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	17	p	1	D-	2	02:00:43	120.72	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	18	p	1	E+	1	02:00:50	120.83	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	19	p	1	F-	1	02:01:01	121.02	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	20	p	1	Fa	2	02:01:04	121.07	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	21	p	1	Fx	1	02:01:14	121.23	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	22	p	1	Aa	5	02:01:47	121.78	00:00:33	0.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	23	p	1	A@	1	02:01:57	121.95	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	24	p	1	B@	1	02:27:27	147.45	00:25:30	25.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	25	p	1	Ca	1	02:27:51	147.85	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	53	R10_B53	con	sul-	azo-	1	26	p	1	Ex	2	02:28:01	148.02	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	1	p	1	C@	NA	01:52:38	112.63	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	2	p	1	F-	3	01:52:57	112.95	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	3	p	1	F+	1	01:59:40	119.67	00:06:43	6.7167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	4	p	1	C-	3	02:12:40	132.67	00:13:00	13
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	5	p	1	B@	1	02:13:20	133.33	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	6	p	1	A-	1	02:14:33	134.55	00:01:13	1.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	7	p	1	C-	2	02:20:30	140.5	00:05:57	5.95
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	8	y	0	D@	1	02:20:44	140.73	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	9	p	1	Da	1	02:20:55	140.92	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	10	p	1	Ex	1	02:22:42	142.7	00:01:47	1.7833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	11	p	1	Fx	1	02:23:01	143.02	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	12	p	1	C-	3	02:24:05	144.08	00:01:04	1.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	13	p	1	E+	2	02:24:21	144.35	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	14	p	1	F-	1	02:24:52	144.87	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	15	p	1	Ex	3	02:25:32	145.53	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	16	p	1	D-	3	02:25:55	145.92	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	17	p	1	C+	1	02:26:23	146.38	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	18	p	1	D-	1	02:26:44	146.73	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	19	p	1	Da	2	02:27:07	147.12	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	20	p	1	Bx	2	02:27:15	147.25	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	21	p	1	Aa	1	02:27:23	147.38	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	22	p	1	A-	2	02:27:24	147.4	00:00:01	0.0167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	23	p	1	C+	2	02:27:39	147.65	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	24	p	1	B@	2	02:27:53	147.88	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	25	p	1	Bx	2	02:28:02	148.03	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	26	p	1	Bx	0	02:28:20	148.33	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	27	p	1	C+	4	02:28:53	148.88	00:00:33	0.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	28	p	1	C-	1	02:29:15	149.25	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	29	p	1	Bx	3	02:29:29	149.48	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	30	p	1	Da	2	02:29:40	149.67	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	31	p	1	D-	2	02:29:46	149.77	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	32	p	1	C+	1	02:30:00	150	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	33	p	1	Aa	3	02:30:23	150.38	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	34	p	1	Ax	1	02:30:28	150.47	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	35	p	1	Bx	1	02:30:54	150.9	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	36	p	1	Ca	1	02:31:01	151.02	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	37	p	1	Ex	2	02:31:17	151.28	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	38	p	1	E@	2	02:31:25	151.42	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	39	p	1	B@	3	02:31:41	151.68	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	40	p	1	Aa	1	02:31:53	151.88	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	41	p	1	C+	3	02:32:01	152.02	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	42	p	1	F-	3	02:32:39	152.65	00:00:38	0.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	43	p	1	Da	2	02:32:54	152.9	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	44	p	1	Ax	3	02:33:08	153.13	00:00:14	0.2333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	45	p	1	Aa	1	02:33:27	153.45	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	46	p	1	Ax	1	02:33:35	153.58	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	47	p	1	C+	4	02:33:49	153.82	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	48	p	1	D-	1	02:34:28	154.47	00:00:39	0.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	49	p	1	F-	2	02:34:42	154.7	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	50	p	1	D-	2	02:34:54	154.9	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	51	p	1	D-	0	02:35:21	155.35	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	52	p	1	A-	3	02:35:27	155.45	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	53	p	1	Aa	2	02:35:48	155.8	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	54	p	1	Ax	1	02:35:57	155.95	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	55	p	1	Ax	0	02:36:12	156.2	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	56	p	1	C+	4	02:36:19	156.32	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	57	p	1	D-	1	02:36:37	156.62	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	58	p	1	E@	1	02:36:56	156.93	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	59	p	1	C+	2	02:37:06	157.1	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	60	p	1	Fx	4	02:37:13	157.22	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	61	p	1	Ex	1	02:37:36	157.6	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	62	p	1	Ca	2	02:37:46	157.77	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	63	p	1	D-	2	02:38:05	158.08	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	64	p	1	E@	1	02:38:14	158.23	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	65	p	1	F-	1	02:38:20	158.33	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	66	p	1	D-	2	02:38:24	158.4	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	67	p	1	C-	1	02:38:31	158.52	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	68	p	1	A-	2	02:38:35	158.58	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	69	p	1	Ex	4	03:09:04	189.07	00:30:29	30.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	70	p	1	Fx	1	03:09:21	189.35	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	71	p	1	Ex	1	03:09:54	189.9	00:00:33	0.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	72	p	1	Da	1	03:09:59	189.98	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	73	p	1	Ca	1	03:10:14	190.23	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	74	p	1	Bx	1	03:10:32	190.53	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	75	p	1	C+	4	03:11:06	191.1	00:00:34	0.5667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	76	p	1	C-	1	03:11:12	191.2	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	77	p	1	E@	2	03:11:18	191.3	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	78	p	1	Da	1	03:11:34	191.57	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	79	p	1	Da	0	03:11:46	191.77	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	80	p	1	Ex	1	03:11:52	191.87	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	81	p	1	Fx	1	03:12:10	192.17	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	82	p	1	E@	2	03:12:22	192.37	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	83	p	1	F-	1	03:12:38	192.63	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	54	R10_B54	con	sul-	azo-	1	84	p	1	E+	1	03:12:46	192.77	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	60	R10_B60	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	1	p	1	Cx	NA	01:57:38	117.63	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	2	p	1	Ba	1	01:59:48	119.8	00:02:10	2.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	3	p	1	C@	1	02:00:40	120.67	00:00:52	0.8667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	4	p	1	Ba	1	02:03:00	123	00:02:20	2.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	5	p	1	Aa	1	02:04:48	124.8	00:01:48	1.8
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	6	p	1	Aa	0	02:05:30	125.5	00:00:42	0.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	7	p	1	Cx	2	02:05:46	125.77	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	8	p	1	Da	1	02:05:57	125.95	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	9	p	1	E@	1	02:06:55	126.92	00:00:58	0.9667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	10	p	1	Fa	1	02:07:46	127.77	00:00:51	0.85
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	11	p	1	F+	3	02:09:03	129.05	00:01:17	1.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	12	p	1	F+	0	02:09:50	129.83	00:00:47	0.7833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	13	p	1	C+	3	02:13:53	133.88	00:04:03	4.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	14	p	1	D-	1	02:14:48	134.8	00:00:55	0.9167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	15	p	1	Ca	2	02:15:04	135.07	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	16	p	1	Bx	1	02:15:12	135.2	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	17	p	1	Dx	2	02:15:24	135.4	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	18	p	1	Aa	3	02:15:52	135.87	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	19	p	1	B@	1	02:16:05	136.08	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	64	R10_B64	con	sul-	azo-	1	20	p	1	Aa	1	02:16:12	136.2	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	1	p	1	F-	NA	01:49:25	109.42	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	2	p	1	Fa	2	01:49:33	109.55	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	3	p	1	E@	1	01:50:55	110.92	00:01:22	1.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	4	p	1	Da	1	01:51:46	111.77	00:00:51	0.85
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	5	p	1	Cx	1	01:52:07	112.12	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	6	p	1	F-	3	01:52:34	112.57	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	7	p	1	Fx	3	01:52:42	112.7	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	8	p	1	Fx	0	01:52:53	112.88	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	9	p	1	Ba	4	01:53:02	113.03	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	10	p	1	Aa	1	01:53:06	113.1	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	11	p	1	B-	2	01:53:23	113.38	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	12	p	1	A@	1	01:53:30	113.5	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	13	p	1	Aa	1	01:53:38	113.63	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	14	p	1	F+	5	01:54:03	114.05	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	15	p	1	F+	0	01:54:15	114.25	00:00:12	0.2

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	16	p	1	Cx	4	01:54:29	114.48	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	17	p	1	Fa	3	01:54:43	114.72	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	18	p	1	Cx	3	01:54:56	114.93	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	19	p	1	Fx	3	01:55:28	115.47	00:00:32	0.5333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	20	p	1	Ba	4	01:55:51	115.85	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	21	p	1	Aa	1	01:55:56	115.93	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	22	p	1	A@	1	01:56:15	116.25	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	23	p	1	E@	4	01:56:27	116.45	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	24	p	1	Fx	2	01:56:33	116.55	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	25	p	1	Cx	3	01:56:56	116.93	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	26	p	1	B-	3	01:58:34	118.57	00:01:38	1.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	27	p	1	C@	1	01:58:38	118.63	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	28	p	1	B@	1	02:39:03	159.05	00:40:25	40.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	29	p	1	B@	0	02:39:19	159.32	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	30	p	1	A-	1	02:39:34	159.57	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	31	p	1	Ax	3	02:39:36	159.6	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	32	p	1	Ex	4	02:39:42	159.7	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	33	p	1	Fx	1	02:39:51	159.85	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	34	p	1	E@	2	02:39:58	159.97	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	35	p	1	F-	1	02:40:09	160.15	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	36	p	1	F-	0	02:40:26	160.43	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	37	p	1	C-	3	02:40:54	160.9	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	38	p	1	A-	2	02:40:59	160.98	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	39	p	1	A-	0	02:41:07	161.12	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	40	p	1	C+	2	03:10:27	190.45	00:29:20	29.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	41	p	1	D-	1	03:10:34	190.57	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	42	p	1	Da	2	03:10:41	190.68	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	43	p	1	Fx	2	03:10:49	190.82	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	44	p	1	E+	4	03:10:56	190.93	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	45	p	1	F-	1	03:12:00	192	00:01:04	1.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	46	p	1	C-	3	03:12:13	192.22	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	47	p	1	Da	2	03:12:25	192.42	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	48	p	1	A-	3	03:12:36	192.6	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	49	p	1	A-	0	03:12:50	192.83	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	50	p	1	C+	2	03:12:56	192.93	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	51	p	1	C-	1	03:13:08	193.13	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	66	R10_B66	con	sul-	azo-	0	52	p	1	D-	1	03:13:13	193.22	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	1	p	1	F+	NA	00:08:57	8.95	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	2	p	1	C@	3	00:10:01	10.02	00:01:04	1.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	3	p	1	Fx	3	00:10:15	10.25	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	4	p	1	Fx	0	00:10:24	10.4	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	5	p	1	Ea	1	00:10:32	10.53	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	6	y	0	Da	1	00:10:36	10.6	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	7	p	1	Dx	1	00:10:39	10.65	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	8	p	1	Ax	3	00:10:46	10.77	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	9	p	1	Bx	1	00:11:05	11.08	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	10	p	1	A@	2	00:11:13	11.22	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	11	p	1	B-	1	00:11:23	11.38	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	12	p	1	A+	1	00:11:27	11.45	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	13	y	0	A-	1	00:11:32	11.53	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	14	p	1	A@	1	00:11:35	11.58	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	15	p	1	A+	2	00:11:56	11.93	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	16	p	1	B-	1	00:12:03	12.05	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	17	p	1	D-	2	00:12:08	12.13	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	18	p	1	F+	2	00:12:16	12.27	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	19	p	1	F+	0	00:12:32	12.53	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	20	p	1	C+	3	00:12:55	12.92	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	21	p	1	A+	2	00:12:58	12.97	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	22	p	1	A@	2	00:13:11	13.18	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	23	p	1	C@	2	00:13:23	13.38	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	24	p	1	Ca	1	00:13:30	13.5	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	25	p	1	Bx	1	00:13:35	13.58	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	26	p	1	Ax	1	00:13:45	13.75	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	27	p	1	Ax	0	00:13:51	13.85	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	28	p	1	Bx	1	00:13:59	13.98	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	29	p	1	Dx	2	00:14:06	14.1	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	30	p	1	Ea	1	00:14:19	14.32	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	31	p	1	Fx	1	00:14:25	14.42	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	32	p	1	Dx	2	00:14:36	14.6	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	33	p	1	Ca	1	00:14:40	14.67	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	34	p	1	C@	1	00:14:45	14.75	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	35	p	1	A@	2	00:14:51	14.85	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	36	p	1	Ax	2	00:14:59	14.98	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	37	p	1	Ax	0	00:15:07	15.12	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	38	p	1	F+	5	00:15:23	15.38	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	39	p	1	E@	2	00:21:00	21	00:05:37	5.6167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	40	p	1	F@	1	00:21:15	21.25	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	41	p	1	Ea	1	00:21:18	21.3	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	42	p	1	Fx	1	00:21:23	21.38	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	43	p	1	Bx	4	00:21:31	21.52	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	44	p	1	A@	2	00:21:38	21.63	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	45	p	1	A@	0	00:21:44	21.73	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	46	p	1	B-	1	00:21:51	21.85	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	47	p	1	Fx	4	00:23:40	23.67	00:01:49	1.8167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	48	p	1	Ea	1	00:23:51	23.85	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	49	p	1	Dx	1	00:24:05	24.08	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	50	p	1	Ca	1	00:24:14	24.23	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	51	p	1	Fx	3	00:24:23	24.38	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	52	p	1	A@	5	00:37:37	37.62	00:13:14	13.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	53	p	1	Bx	2	00:40:51	40.85	00:03:14	3.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	54	p	1	Fa	4	01:10:05	70.08	00:29:14	29.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	55	p	1	E@	1	01:10:16	70.27	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	56	p	1	F-	1	01:10:39	70.65	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	57	p	1	F+	1	01:10:54	70.9	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	58	p	1	Cx	4	01:17:40	77.67	00:06:46	6.7667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	59	p	1	Ba	1	01:17:51	77.85	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	60	p	1	E@	3	01:42:08	102.13	00:24:17	24.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	61	p	1	F-	1	01:42:39	102.65	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	62	p	1	A-	5	02:16:55	136.92	00:34:16	34.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	63	p	1	Ca	2	02:17:16	137.27	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	64	p	1	Ca	0	02:17:44	137.73	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	65	p	1	Bx	1	02:18:03	138.05	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	66	p	1	Ca	1	02:18:05	138.08	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	67	p	1	D-	2	02:25:01	145.02	00:06:56	6.9333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	68	p	1	Ca	2	02:25:41	145.68	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	69	p	1	A-	2	02:26:08	146.13	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	70	p	1	Bx	3	02:26:36	146.6	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	71	p	1	Ax	1	02:26:56	146.93	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	72	p	1	Ax	0	02:28:59	148.98	00:02:03	2.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	73	p	1	Ca	2	02:29:10	149.17	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	74	p	1	Da	1	02:30:22	150.37	00:01:12	1.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	75	p	1	Da	0	02:30:58	150.97	00:00:36	0.6
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	72	R10_B72	con	sul-	azo-	1	76	p	1	Ex	1	02:40:43	160.72	00:09:45	9.75
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	1	p	1	C+	NA	01:53:28	113.47	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	2	p	1	B-	1	01:54:53	114.88	00:01:25	1.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	3	p	1	A@	1	01:55:16	115.27	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	4	p	1	Ba	1	01:55:31	115.52	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	5	p	1	Cx	1	01:55:41	115.68	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	6	p	1	B-	3	01:56:05	116.08	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	7	p	1	E+	3	01:56:39	116.65	00:00:34	0.5667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	8	p	1	F+	1	01:56:49	116.82	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	9	p	1	F+	0	01:57:11	117.18	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	75	R10_B75	con	sul-	azo-	1	10	p	1	Fa	3	01:57:50	117.83	00:00:39	0.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	1	p	1	A+	NA	00:03:52	3.87	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	2	p	1	Ba	3	01:51:05	111.08	01:47:13	107.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	3	y	0	Bx	1	01:52:18	112.3	00:01:13	1.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	4	p	1	A@	2	01:52:27	112.45	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	5	p	1	B-	1	01:53:52	113.87	00:01:25	1.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	6	y	0	A-	1	01:53:56	113.93	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	7	p	1	A@	1	01:54:05	114.08	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	8	p	1	Aa	1	01:54:12	114.2	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	9	y	0	Bx	1	01:54:49	114.82	00:00:37	0.6167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	10	p	1	Cx	1	01:54:56	114.93	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	11	p	1	Da	1	01:55:10	115.17	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	12	p	1	Cx	1	01:55:27	115.45	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	13	p	1	E@	2	01:55:34	115.57	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	14	p	1	Fa	1	01:55:45	115.75	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	15	p	1	Fx	1	01:55:53	115.88	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	16	p	1	Fa	1	01:55:59	115.98	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	17	p	1	F-	2	01:56:07	116.12	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	18	p	1	F+	1	01:56:09	116.15	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	19	p	1	A@	5	01:56:24	116.4	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	20	p	1	Aa	1	01:56:37	116.62	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	21	p	1	B-	2	01:56:45	116.75	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	22	p	1	A@	1	01:56:59	116.98	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	23	p	1	Ba	1	01:57:14	117.23	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	24	p	1	Fx	4	01:57:22	117.37	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	25	p	1	F-	3	01:57:33	117.55	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	26	p	1	Aa	5	01:57:59	117.98	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	27	p	1	A@	1	01:58:06	118.1	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	28	p	1	B-	1	01:58:15	118.25	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	29	p	1	C@	1	01:58:20	118.33	00:00:05	0.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	30	p	1	Da	1	01:58:28	118.47	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	31	p	1	Fx	2	01:58:32	118.53	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	32	p	1	F+	4	01:58:53	118.88	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	33	p	1	E@	2	01:59:31	119.52	00:00:38	0.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	34	p	1	Da	1	01:59:44	119.73	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	35	p	1	Fa	2	01:59:53	119.88	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	36	p	1	Fx	1	01:59:55	119.92	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	37	p	1	F-	3	01:59:59	119.98	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	38	p	1	E+	1	02:00:08	120.13	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	39	p	1	Ba	3	02:00:24	120.4	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	40	p	1	C@	1	02:00:36	120.6	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	41	p	1	B-	1	02:00:46	120.77	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	42	p	1	A@	1	02:00:52	120.87	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	43	p	1	Aa	1	02:00:58	120.97	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	44	p	1	Ba	1	02:01:07	121.12	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	45	p	1	B-	2	02:03:45	123.75	00:02:38	2.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	46	p	1	E@	3	02:35:23	155.38	00:31:38	31.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	47	p	1	Da	1	02:35:52	155.87	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	48	p	1	Ex	1	02:36:01	156.02	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	49	p	1	Fx	1	02:36:03	156.05	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	50	p	1	B@	4	03:21:13	201.22	00:45:10	45.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	51	p	1	Ca	1	03:21:35	201.58	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	52	p	1	Da	1	03:21:41	201.68	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	53	p	1	E@	1	03:21:50	201.83	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	54	p	1	E+	2	03:21:52	201.87	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	55	p	1	Aa	4	03:21:59	201.98	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	56	p	1	Ca	2	03:22:02	202.03	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	57	p	1	A-	2	03:22:11	202.18	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	58	p	1	B@	1	03:22:13	202.22	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	59	p	1	Ca	1	03:22:23	202.38	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	60	p	1	Da	1	03:22:30	202.5	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	61	p	1	Ex	1	03:22:42	202.7	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	62	p	1	Ca	2	03:22:45	202.75	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	63	p	1	Bx	1	03:22:49	202.82	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	64	p	1	Bx	0	03:22:56	202.93	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	65	p	1	Ca	1	03:22:58	202.97	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	66	p	1	Da	1	03:23:04	203.07	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	67	p	1	Fx	2	03:23:10	203.17	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	68	p	1	A-	5	03:23:14	203.23	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	69	p	1	D-	3	03:23:19	203.32	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	70	p	1	E@	1	03:23:23	203.38	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	71	p	1	Ex	2	03:23:27	203.45	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	72	p	1	E@	2	03:23:53	203.88	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	73	p	1	D-	1	03:23:55	203.92	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	74	p	1	C-	1	03:24:09	204.15	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	75	p	1	B@	1	03:24:13	204.22	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	76	p	1	Aa	1	03:24:22	204.37	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	77	p	1	Ax	1	03:24:27	204.45	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	78	p	1	Da	3	03:24:30	204.5	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	79	p	1	Fx	2	03:24:37	204.62	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	80	p	1	Fx	0	03:28:51	208.85	00:04:14	4.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	76	R10_B76	mix	sul+	azo+	1	81	p	1	Ex	1	03:29:21	209.35	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	77	R10_B77	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	1	p	1	F-	NA	02:15:55	135.92	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	2	p	1	F-	0	02:17:41	137.68	00:01:46	1.7667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	3	p	1	D-	2	02:18:10	138.17	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	4	p	1	A-	3	02:18:18	138.3	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	5	p	1	A-	0	02:18:53	138.88	00:00:35	0.5833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	6	p	1	A-	0	02:20:52	140.87	00:01:59	1.9833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	7	p	1	Ax	3	02:21:35	141.58	00:00:43	0.7167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	8	p	1	Bx	1	02:22:31	142.52	00:00:56	0.9333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	9	p	1	Aa	1	02:24:13	144.22	00:01:42	1.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	10	p	1	Aa	0	02:24:26	144.43	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	11	p	1	A-	2	02:24:45	144.75	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	12	p	1	Ca	2	02:25:09	145.15	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	13	p	1	E@	2	02:25:46	145.77	00:00:37	0.6167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	14	p	1	A-	4	02:26:25	146.42	00:00:39	0.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	15	p	1	A-	0	02:27:00	147	00:00:35	0.5833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	16	p	1	E@	4	02:27:42	147.7	00:00:42	0.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	17	p	1	F-	1	02:27:57	147.95	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	18	p	1	Ex	3	02:28:06	148.1	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	19	p	1	Ex	0	02:28:31	148.52	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	20	p	1	Bx	3	02:28:44	148.73	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	21	p	1	Ax	1	02:29:04	149.07	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	22	p	1	Ex	4	02:29:17	149.28	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	23	p	1	Ex	0	02:29:37	149.62	00:00:20	0.3333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	24	p	1	A-	4	02:30:15	150.25	00:00:38	0.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	25	p	1	A-	0	02:30:40	150.67	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	26	p	1	Aa	2	02:30:46	150.77	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	27	p	1	Ax	1	02:31:31	151.52	00:00:45	0.75
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	28	p	1	Bx	1	02:31:46	151.77	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	29	p	1	A-	3	02:32:18	152.3	00:00:32	0.5333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	30	p	1	C-	2	02:32:43	152.72	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	31	p	1	Ax	3	02:32:52	152.87	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	32	p	1	Ex	4	02:33:06	153.1	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	33	p	1	F-	3	02:33:24	153.4	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	34	p	1	D-	2	02:33:46	153.77	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	35	p	1	C-	1	02:34:20	154.33	00:00:34	0.5667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	36	p	1	B@	1	02:34:22	154.37	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	37	p	1	Ax	2	02:34:45	154.75	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	38	p	1	Ca	2	02:34:51	154.85	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	39	p	1	Da	1	02:35:02	155.03	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	40	p	1	Fx	2	02:35:36	155.6	00:00:34	0.5667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	41	p	1	E@	2	02:35:50	155.83	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	42	p	1	A-	4	02:36:21	156.35	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	43	p	1	Ex	4	02:36:35	156.58	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	44	p	1	Fx	1	02:36:49	156.82	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	45	p	1	F-	3	02:37:03	157.05	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	46	p	1	Ca	3	02:37:28	157.47	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	47	p	1	Da	1	02:37:39	157.65	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	48	p	1	F-	2	02:37:59	157.98	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	49	p	1	Fx	3	02:38:03	158.05	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	50	p	1	Ca	3	02:38:11	158.18	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	51	p	1	Ex	2	02:38:32	158.53	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	52	p	1	E@	2	02:38:52	158.87	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	53	p	1	C-	2	02:39:01	159.02	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	54	p	1	A-	2	02:39:14	159.23	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	55	p	1	B@	1	02:39:26	159.43	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	56	p	1	Ca	1	02:39:38	159.63	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	57	p	1	D-	2	02:40:06	160.1	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	58	p	1	E@	1	02:40:11	160.18	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	59	p	1	D-	1	02:40:20	160.33	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	60	p	1	Ca	2	02:40:33	160.55	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	61	p	1	B@	1	02:40:37	160.62	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	62	p	1	A-	1	02:40:40	160.67	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	63	p	1	Aa	2	02:40:50	160.83	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	64	p	1	Ax	1	02:40:52	160.87	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	65	p	1	E@	4	02:41:16	161.27	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	66	p	1	F-	1	02:41:30	161.5	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	67	p	1	D-	2	02:41:33	161.55	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	68	p	1	C+	1	02:41:48	161.8	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	69	p	1	A-	2	02:42:03	162.05	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	70	p	1	Aa	2	02:42:18	162.3	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	71	p	1	Ax	1	02:42:28	162.47	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	72	p	1	Ex	4	02:42:37	162.62	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	73	p	1	Fx	1	02:43:06	163.1	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	74	p	1	F-	3	02:44:05	164.08	00:00:59	0.9833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	75	p	1	E+	1	02:44:22	164.37	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	76	p	1	C+	2	02:44:37	164.62	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	77	p	1	A-	2	02:45:04	165.07	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	78	p	1	C-	2	02:52:28	172.47	00:07:24	7.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	79	p	1	B@	1	02:52:50	172.83	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	80	p	1	Ca	1	02:53:03	173.05	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	81	p	1	B@	1	02:53:23	173.38	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	82	p	1	C-	1	02:53:38	173.63	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	83	p	1	D-	1	02:54:29	174.48	00:00:51	0.85
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	80	R10_B80	mix	sul+	azo+	1	84	p	1	Fx	3	02:54:48	174.8	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	82	R10_B82	mix	sul+	azo+	1	1	p	1	Ex	NA	03:06:30	186.5	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	1	p	1	Fx	NA	02:23:56	143.93	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	2	p	1	B@	4	03:16:45	196.75	00:52:49	52.8167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	3	y	0	Ba	1	03:18:28	198.47	00:01:43	1.7167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	4	p	1	B@	1	03:18:33	198.55	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	5	y	0	C@	1	03:19:10	199.17	00:00:37	0.6167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	6	p	1	B@	1	03:19:16	199.27	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	7	p	1	A-	1	03:19:35	199.58	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	8	p	1	Ex	4	03:20:10	200.17	00:00:35	0.5833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	9	p	1	Fx	1	03:21:17	201.28	00:01:07	1.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	10	p	1	E@	2	03:21:57	201.95	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	11	p	1	D-	1	03:22:26	202.43	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	12	p	1	Ca	2	03:23:17	203.28	00:00:51	0.85
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	13	p	1	Bx	1	03:23:59	203.98	00:00:42	0.7
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	14	p	1	Ex	3	03:24:32	204.53	00:00:33	0.55

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	15	p	1	Ex	0	03:25:03	205.05	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	16	p	1	Da	1	03:25:22	205.37	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	17	p	1	Ca	1	03:26:22	206.37	00:01:00	1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	18	p	1	B@	1	03:26:44	206.73	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	19	p	1	D-	2	03:27:56	207.93	00:01:12	1.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	20	p	1	E@	1	03:28:03	208.05	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	21	p	1	Fx	2	03:28:13	208.22	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	22	p	1	Bx	4	03:28:43	208.72	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	23	p	1	Aa	1	03:29:00	209	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	24	p	1	B@	1	03:29:19	209.32	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	25	p	1	C-	1	03:29:33	209.55	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	26	p	1	C+	1	03:29:35	209.58	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	27	p	1	E+	2	03:29:48	209.8	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	28	p	1	E@	2	03:29:50	209.83	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	29	p	1	Ex	2	03:30:07	210.12	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	30	p	1	Fx	1	03:30:18	210.3	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	31	p	1	Fx	0	03:30:28	210.47	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	32	p	1	Aa	5	03:30:52	210.87	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	33	p	1	Ax	1	03:30:59	210.98	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	34	p	1	Bx	1	03:31:10	211.17	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	35	p	1	B@	2	03:31:32	211.53	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	36	p	1	C+	2	03:31:54	211.9	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	37	p	1	D-	1	03:31:59	211.98	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	38	p	1	E@	1	03:32:07	212.12	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	39	p	1	Da	1	03:32:12	212.2	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	40	p	1	Ca	1	03:32:33	212.55	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	41	p	1	Ax	2	03:32:44	212.73	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	42	p	1	Aa	1	03:33:06	213.1	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	43	p	1	B@	1	03:33:16	213.27	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	44	p	1	Ca	1	03:33:38	213.63	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	45	p	1	Ex	2	03:33:46	213.77	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	46	p	1	Fx	1	03:34:13	214.22	00:00:27	0.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	47	p	1	Ex	1	03:34:20	214.33	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	48	p	1	Ax	4	03:34:31	214.52	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	49	p	1	Ax	0	03:34:46	214.77	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	50	p	1	Aa	1	03:35:08	215.13	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	51	p	1	Bx	1	03:35:24	215.4	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	52	p	1	A-	3	03:35:33	215.55	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	53	p	1	C-	2	03:35:52	215.87	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	54	p	1	C+	1	03:36:09	216.15	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	55	p	1	C+	0	03:36:24	216.4	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	56	p	1	A-	2	03:36:29	216.48	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	57	p	1	Aa	2	03:36:47	216.78	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	58	p	1	Ax	1	03:37:03	217.05	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	59	p	1	Bx	1	03:37:20	217.33	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	60	p	1	Ax	1	03:37:31	217.52	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	61	p	1	Aa	1	03:37:47	217.78	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	62	p	1	B@	1	03:38:06	218.1	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	63	p	1	Ax	2	03:38:23	218.38	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	64	p	1	Aa	1	03:38:35	218.58	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	84	R10_B84	mix	sul+	azo+	1	65	p	1	A-	2	03:38:50	218.83	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	1	p	1	Ax	NA	00:11:51	11.85	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	2	p	1	F+	5	01:43:24	103.4	01:31:33	91.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	3	p	1	F-	1	01:48:12	108.2	00:04:48	4.8
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	4	p	1	Fa	2	01:50:01	110.02	00:01:49	1.8167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	5	y	0	Dx	2	01:57:53	117.88	00:07:52	7.8667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	6	p	1	F-	3	02:00:21	120.35	00:02:28	2.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	7	p	1	F-	0	02:14:00	134	00:13:39	13.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	8	p	1	F-	0	02:17:30	137.5	00:03:30	3.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	9	y	0	F+	1	02:18:00	138	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	10	p	1	Ex	4	02:19:01	139.02	00:01:01	1.0167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	11	p	1	F-	3	02:26:17	146.28	00:07:16	7.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	12	p	1	Da	2	02:37:57	157.95	00:11:40	11.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	13	p	1	F-	2	02:46:57	166.95	00:09:00	9
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	14	p	1	F-	0	02:48:08	168.13	00:01:11	1.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	15	p	1	F-	0	02:54:45	174.75	00:06:37	6.6167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	16	p	1	C+	3	02:56:58	176.97	00:02:13	2.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	17	p	1	Da	3	03:00:15	180.25	00:03:17	3.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	18	p	1	Ax	3	03:02:00	182	00:01:45	1.75
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	19	p	1	F-	5	03:05:03	185.05	00:03:03	3.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	20	p	1	C-	3	03:06:59	186.98	00:01:56	1.9333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	21	p	1	C-	0	03:07:30	187.5	00:00:31	0.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	22	p	1	B@	1	03:09:34	189.57	00:02:04	2.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	23	p	1	A-	1	03:10:43	190.72	00:01:09	1.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	24	p	1	Aa	2	03:11:49	191.82	00:01:06	1.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	24	p	1	Ax	1	03:13:02	193.03	00:01:13	1.2167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	87	R10_B87	mix	sul+	azo+	1	25	p	1	F-	5	03:24:47	204.78	00:11:45	11.75
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	1	p	1	B@	NA	02:16:35	136.58	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	2	p	1	Ex	3	02:20:33	140.55	00:03:58	3.9667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	3	p	1	E@	2	02:21:39	141.65	00:01:06	1.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	4	p	1	C-	2	02:23:10	143.17	00:01:31	1.5167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	5	p	1	C+	1	02:24:00	144	00:00:50	0.8333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	6	p	1	B@	2	02:24:36	144.6	00:00:36	0.6
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	7	p	1	Ax	2	02:26:01	146.02	00:01:25	1.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	8	p	1	Ax	0	02:26:29	146.48	00:00:28	0.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	9	p	1	B@	2	02:26:42	146.7	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	10	p	1	A-	1	02:27:35	147.58	00:00:53	0.8833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	11	p	1	Aa	2	02:28:40	148.67	00:01:05	1.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	12	p	1	B@	1	02:29:33	149.55	00:00:53	0.8833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	13	p	1	D-	2	02:30:38	150.63	00:01:05	1.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	14	p	1	F-	2	02:31:12	151.2	00:00:34	0.5667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	15	p	1	C+	3	02:31:22	151.37	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	16	p	1	C-	1	02:32:36	152.6	00:01:14	1.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	17	p	1	F-	3	02:33:02	153.03	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	18	p	1	E@	1	02:33:21	153.35	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	19	p	1	Da	1	02:33:32	153.53	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	20	p	1	Ca	1	02:33:38	153.63	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	21	p	1	Ax	2	02:34:00	154	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	22	p	1	Ca	2	02:34:43	154.72	00:00:43	0.7167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	23	p	1	EX	2	02:35:08	155.13	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	24	p	1	Da	1	02:35:30	155.5	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	25	p	1	B@	2	02:35:39	155.65	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	26	p	1	B@	0	02:35:54	155.9	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	27	p	1	Aa	1	02:35:59	155.98	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	28	p	1	B@	1	02:36:17	156.28	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	29	p	1	A-	1	02:36:39	156.65	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	30	p	1	A-	0	02:36:53	156.88	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	31	p	1	B@	1	02:37:09	157.15	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	32	p	1	Ax	2	02:37:41	157.68	00:00:32	0.5333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	33	p	1	B@	2	02:37:53	157.88	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	34	p	1	Aa	1	02:38:07	158.12	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	35	p	1	Aa	0	02:38:18	158.3	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	36	p	1	C-	2	02:38:39	158.65	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	37	p	1	D-	1	02:38:55	158.92	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	88	R10_B88	mix	sul+	azo+	1	38	p	1	C-	1	02:39:16	159.27	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	89	R10_B89	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	1	p	1	Ca	NA	02:58:28	178.47	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	2	p	1	E@	2	03:00:55	180.92	00:02:27	2.45
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	3	p	1	Fx	2	03:01:12	181.2	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	4	p	1	Ex	1	03:05:42	185.7	00:04:30	4.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	5	p	1	Fx	1	03:06:33	186.55	00:00:51	0.85
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	6	p	1	F-	3	03:07:03	187.05	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	7	p	1	Ex	3	03:07:33	187.55	00:00:30	0.5
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	8	p	1	Fx	1	03:07:49	187.82	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	9	p	1	E@	2	03:08:33	188.55	00:00:44	0.7333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	10	p	1	Ex	2	03:09:37	189.62	00:01:04	1.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	11	p	1	E@	2	03:10:02	190.03	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	12	p	1	F-	1	03:10:37	190.62	00:00:35	0.5833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	13	p	1	E@	1	03:10:59	190.98	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	14	p	1	Da	1	03:11:16	191.27	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	15	p	1	Ca	1	03:11:29	191.48	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	16	p	1	E@	2	03:11:43	191.72	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	17	p	1	E@	0	03:11:56	191.93	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	18	p	1	F-	1	03:12:19	192.32	00:00:23	0.3833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	19	p	1	Ex	3	03:12:31	192.52	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	20	p	1	Fx	1	03:12:43	192.72	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	21	p	1	E@	2	03:13:04	193.07	00:00:21	0.35
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	22	p	1	Da	1	03:13:21	193.35	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	23	p	1	Ca	1	03:13:27	193.45	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	24	p	1	B@	1	03:13:32	193.53	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	25	p	1	A-	1	03:13:38	193.63	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	26	p	1	Bx	3	03:14:04	194.07	00:00:26	0.4333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	27	p	1	Ax	1	03:14:06	194.1	00:00:02	0.0333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	28	p	1	A-	3	03:14:13	194.22	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	29	p	1	C-	2	03:14:27	194.45	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	30	p	1	B@	1	03:14:41	194.68	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	31	p	1	Ex	3	03:14:54	194.9	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	32	p	1	Ax	4	03:15:00	195	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	33	p	1	A-	3	03:15:20	195.33	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	34	p	1	C+	2	03:15:29	195.48	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	35	p	1	E+	2	03:15:42	195.7	00:00:13	0.2167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	36	p	1	D-	1	03:15:54	195.9	00:00:12	0.2

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	37	p	1	F-	2	03:16:19	196.32	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	38	p	1	E@	1	03:16:24	196.4	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	39	p	1	Ex	2	03:16:35	196.58	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	40	p	1	Fx	1	03:16:41	196.68	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	41	p	1	F-	3	03:17:00	197	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	42	p	1	D-	2	03:17:24	197.4	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	43	p	1	C-	1	03:17:40	197.67	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	44	p	1	Aa	2	03:17:57	197.95	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	45	p	1	Ca	2	03:18:06	198.1	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	46	p	1	Da	1	03:18:23	198.38	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	47	p	1	C-	2	03:18:30	198.5	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	48	p	1	E@	2	03:18:44	198.73	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	49	p	1	Ex	2	03:18:58	198.97	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	50	p	1	Fx	1	03:19:03	199.05	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	51	p	1	E@	2	03:26:27	206.45	00:07:24	7.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	52	p	1	Da	1	03:26:56	206.93	00:00:29	0.4833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	53	p	1	D-	2	03:27:04	207.07	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	54	p	1	C-	1	03:27:23	207.38	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	55	p	1	B@	1	03:27:41	207.68	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	56	p	1	B@	0	03:27:49	207.82	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	57	p	1	Aa	1	03:27:59	207.98	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	58	p	1	Ax	1	03:28:06	208.1	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	59	p	1	Bx	1	03:28:15	208.25	00:00:09	0.15
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	60	p	1	Ca	1	03:28:27	208.45	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	61	p	1	Ex	2	03:28:39	208.65	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	62	p	1	D-	3	03:28:53	208.88	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	63	p	1	C-	1	03:28:57	208.95	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	64	p	1	B@	1	03:29:04	209.07	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	65	p	1	Ca	1	03:29:15	209.25	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	66	p	1	B@	1	03:29:29	209.48	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	67	p	1	Aa	1	03:29:41	209.68	00:00:12	0.2
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	91	R10_B91	mix	sul+	azo+	1	68	p	1	Bx	1	03:30:05	210.08	00:00:24	0.4
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	1	p	1	A+	NA	00:03:15	3.25	NA	NA
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	2	p	1	B-	1	00:04:07	4.12	00:00:52	0.8667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	3	p	1	A@	1	00:04:46	4.77	00:00:39	0.65
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	4	p	1	Ax	2	00:05:03	5.05	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	5	p	1	Ca	2	00:05:22	5.37	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	6	p	1	C@	1	00:05:29	5.48	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	7	y	0	B@	1	00:05:49	5.82	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	8	p	1	A@	1	00:06:04	6.07	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	9	p	1	Ea	4	00:06:45	6.75	00:00:41	0.6833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	10	y	0	D@	1	00:06:53	6.88	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	11	p	1	C@	1	00:07:00	7	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	12	p	1	Bx	2	00:15:28	15.47	00:08:28	8.4667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	13	y	0	Ba	1	00:15:38	15.63	00:00:10	0.1667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	14	p	1	A@	1	00:15:43	15.72	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	15	p	1	B-	1	00:15:58	15.97	00:00:15	0.25
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	16	p	1	Ca	2	00:16:33	16.55	00:00:35	0.5833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	17	p	1	F@	3	00:17:11	17.18	00:00:38	0.6333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	18	p	1	E@	1	00:17:14	17.23	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	19	p	1	Ea	1	00:17:18	17.3	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	20	y	0	Da	1	00:17:26	17.43	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	21	p	1	Ca	1	00:17:33	17.55	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	22	p	1	Ax	2	00:17:37	17.62	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	23	p	1	Ax	0	00:17:41	17.68	00:00:04	0.0667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	24	p	1	Bx	1	00:18:01	18.02	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	25	p	1	Bx	0	00:18:18	18.3	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	26	p	1	Ca	1	00:18:24	18.4	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	27	p	1	C@	1	00:18:32	18.53	00:00:08	0.1333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	28	p	1	B-	1	00:18:37	18.62	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	29	p	1	Fx	4	00:18:54	18.9	00:00:17	0.2833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	30	p	1	Ea	1	00:19:13	19.22	00:00:19	0.3167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	31	p	1	Ca	2	00:45:35	45.58	00:26:22	26.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	32	p	1	C@	1	00:46:00	46	00:00:25	0.4167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	33	p	1	B-	1	00:46:11	46.18	00:00:11	0.1833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	34	p	1	A@	1	00:46:18	46.3	00:00:07	0.1167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	35	p	1	Fx	5	00:46:51	46.85	00:00:33	0.55
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	36	p	1	Ea	1	00:47:35	47.58	00:00:44	0.7333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	37	p	1	Fx	1	00:48:30	48.5	00:00:55	0.9167
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	38	p	1	E@	2	00:48:52	48.87	00:00:22	0.3667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	39	p	1	Ba	3	01:15:44	75.73	00:26:52	26.8667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	40	p	1	Ba	0	01:16:24	76.4	00:00:40	0.6667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	41	p	1	C@	1	01:16:29	76.48	00:00:05	0.0833
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	42	p	1	D-	1	01:16:35	76.58	00:00:06	0.1
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	43	p	1	E+	1	01:16:55	76.92	00:00:20	0.3333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	44	p	1	F+	1	01:17:12	77.2	00:00:17	0.2833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	45	p	1	F-	1	01:17:15	77.25	00:00:03	0.05
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	46	p	1	Fa	2	01:17:29	77.48	00:00:14	0.2333
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	47	p	1	Fx	1	01:17:47	77.78	00:00:18	0.3
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	48	p	1	C+	4	01:18:03	78.05	00:00:16	0.2667
14.05.2021	R10	pink	1	49	13:10	16:50	03:40	100	120	0	45	92	R10_B92	sul	sul+	azo-	0	49	p	1	B-	1	01:18:14	78.23	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	1	y	1	Fx	NA	00:41:28	41.47	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	2	y	1	Fx	0	00:42:14	42.23	00:00:46	0.7667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	3	y	1	Ea	1	00:42:39	42.65	00:00:25	0.4167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	4	y	1	Dx	1	00:42:49	42.82	00:00:10	0.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	5	y	1	Ca	1	00:43:00	43	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	6	y	1	B@	1	00:43:04	43.07	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	7	y	1	B@	0	00:43:17	43.28	00:00:13	0.2167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	8	y	1	B-	1	00:43:25	43.42	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	9	y	1	A-	1	00:43:34	43.57	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	10	y	1	Aa	2	00:43:44	43.73	00:00:10	0.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	11	y	1	B@	1	00:43:51	43.85	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	12	y	1	Da	2	00:44:22	44.37	00:00:31	0.5167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	13	y	1	C-	2	00:44:28	44.47	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	14	y	1	Aa	2	00:44:34	44.57	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	16	y	1	Ax	1	00:44:51	44.85	00:00:17	0.2833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	17	y	1	Dx	3	00:45:00	45	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	18	y	1	Fx	2	00:45:07	45.12	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	19	p	0	Fa	1	00:45:11	45.18	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	20	y	1	E@	1	00:45:15	45.25	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	21	y	1	Ea	1	00:45:25	45.42	00:00:10	0.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	22	y	1	F-	2	00:45:30	45.5	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	15	y	1	Ax	5	00:44:40	44.67	00:00:50	0.8333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	23	y	1	A@	2	01:22:52	82.87	00:38:12	38.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	24	p	0	A-	1	01:22:57	82.95	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	25	y	1	A+	1	01:23:02	83.03	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	26	y	1	F+	5	01:48:04	108.07	00:25:02	25.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	12	R11_B12	con	sul-	azo-	1	27	y	1	F@	2	01:48:43	108.72	00:00:39	0.65
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	1	y	1	B-	NA	01:19:21	79.35	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	2	y	1	A@	1	01:19:58	79.97	00:00:37	0.6167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	3	y	1	Aa	1	01:20:20	80.33	00:00:22	0.3667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	4	y	1	Bx	1	01:20:44	80.73	00:00:24	0.4
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	5	y	1	Cx	1	01:20:53	80.88	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	6	y	1	Cx	0	01:21:01	81.02	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	7	y	1	F@	3	01:22:27	82.45	00:01:26	1.4333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	8	y	1	Ex	2	01:22:29	82.48	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	9	y	1	Fx	1	01:22:40	82.67	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	10	y	1	D@	2	01:22:49	82.82	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	11	y	1	E-	1	01:22:54	82.9	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	12	y	1	F+	1	02:20:15	140.25	00:57:21	57.35
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	13	R11_B13	con	sul-	azo-	0	13	y	1	Fx	4	02:25:35	145.58	00:05:20	5.3333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	1	p	0	F@	NA	00:06:25	6.42	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	2	p	0	Fa	1	00:07:49	7.82	00:01:24	1.4
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	3	p	0	Da	2	00:07:55	7.92	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	4	p	0	Cx	1	00:07:59	7.98	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	5	p	0	A@	2	00:08:04	8.07	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	6	p	0	A@	0	00:54:14	54.23	00:46:10	46.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	7	p	0	Ba	1	00:54:16	54.27	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	8	p	0	Cx	1	00:54:18	54.3	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	9	p	0	A@	2	00:54:24	54.4	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	10	p	0	D-	3	00:56:44	56.73	00:02:20	2.3333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	11	p	0	E-	1	00:56:47	56.78	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	12	p	0	F@	1	00:56:51	56.85	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	13	p	0	E-	1	00:57:40	57.67	00:00:49	0.8167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	14	y	1	D@	1	00:57:45	57.75	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	15	y	1	A-	3	00:58:11	58.18	00:00:26	0.4333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	16	y	1	A-	0	00:58:59	58.98	00:00:48	0.8
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	17	p	0	A@	1	00:59:22	59.37	00:00:23	0.3833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	18	y	1	Aa	1	00:59:27	59.45	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	19	y	1	Ax	1	01:00:34	60.57	00:01:07	1.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	20	y	1	Ax	0	01:00:46	60.77	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	21	y	1	Aa	1	01:00:53	60.88	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	22	y	1	B@	1	01:01:13	61.22	00:00:20	0.3333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	23	y	1	B-	1	01:01:17	61.28	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	24	y	1	A-	1	01:01:28	61.47	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	25	y	1	Ax	3	01:01:42	61.7	00:00:14	0.2333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	26	y	1	Ax	0	01:02:05	62.08	00:00:23	0.3833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	27	y	1	Aa	1	01:02:11	62.18	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	28	y	1	Ax	1	01:02:46	62.77	00:00:35	0.5833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	29	y	1	Aa	1	01:03:22	63.37	00:00:36	0.6
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	30	y	1	A-	2	01:03:38	63.63	00:00:16	0.2667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	31	y	1	B-	1	01:03:41	63.68	00:00:03	0.05

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	32	y	1	C-	1	01:04:02	64.03	00:00:21	0.35
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	33	y	1	B-	1	01:04:12	64.2	00:00:10	0.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	34	y	1	B@	1	01:04:24	64.4	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	35	y	1	B-	1	01:04:43	64.72	00:00:19	0.3167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	36	y	1	C-	1	01:04:50	64.83	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	37	y	1	Aa	2	01:05:07	65.12	00:00:17	0.2833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	38	y	1	Ax	1	01:05:16	65.27	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	39	y	1	Aa	1	01:05:23	65.38	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	40	y	1	Ax	1	01:05:27	65.45	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	41	y	1	Ax	0	01:05:31	65.52	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	42	y	1	C-	3	01:05:39	65.65	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	43	y	1	D@	1	01:05:46	65.77	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	44	y	1	B-	2	01:05:54	65.9	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	45	y	1	A-	1	01:06:06	66.1	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	46	y	1	B@	1	01:06:22	66.37	00:00:16	0.2667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	47	y	1	Ca	1	01:06:27	66.45	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	48	y	1	Fx	3	01:06:40	66.67	00:00:13	0.2167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	49	y	1	Dx	2	01:06:45	66.75	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	50	y	1	Ca	1	01:06:57	66.95	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	51	y	1	Bx	1	01:19:48	79.8	00:12:51	12.85
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	52	y	1	Ba	1	01:20:12	80.2	00:00:24	0.4
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	53	y	1	B-	2	01:20:16	80.27	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	54	y	1	B-	0	01:32:44	92.73	00:12:28	12.4667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	55	y	1	B-	0	01:33:06	93.1	00:00:22	0.3667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	56	y	1	Aa	2	01:33:08	93.13	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	57	y	1	Bx	1	01:33:16	93.27	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	58	y	1	Fx	4	01:50:42	110.7	00:17:26	17.4333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	59	y	1	Ex	1	01:50:48	110.8	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	60	y	1	Aa	4	01:50:50	110.83	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	61	y	1	Cx	2	01:54:05	114.08	00:03:15	3.25
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	62	y	1	Ba	1	01:54:09	114.15	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	63	y	1	Cx	1	02:15:20	135.33	00:21:11	21.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	64	y	1	Ex	2	02:15:58	135.97	00:00:38	0.6333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	65	y	1	F@	2	02:20:22	140.37	00:04:24	4.4
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	66	y	1	Cx	3	02:20:56	140.93	00:00:34	0.5667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	18	R11_B18	con	sul-	azo-	1	67	y	1	Ba	1	02:21:02	141.03	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	1	y	1	B-	NA	00:05:22	5.37	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	2	y	1	A-	1	00:05:29	5.48	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	3	y	1	Ca	2	00:05:42	5.7	00:00:13	0.2167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	4	y	1	C-	2	00:06:04	6.07	00:00:22	0.3667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	5	y	1	B-	1	00:06:09	6.15	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	6	y	1	B-	0	01:28:08	88.13	01:21:59	81.9833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	7	y	1	A+	1	01:29:11	89.18	00:01:03	1.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	8	p	0	A-	1	01:29:47	89.78	00:00:36	0.6
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	19	R11_B19	con	sul-	azo-	1	9	y	1	A@	1	01:29:51	89.85	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	34	R11_B34	sul	sul+	azo-	0	1	y	1	A-	NA	00:58:23	58.38	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	41	R11_B41	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	42	R11_B42	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	1	y	1	F+	NA	01:19:54	79.9	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	2	y	1	E+	1	01:21:13	81.22	00:01:19	1.3167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	3	y	1	D@	2	01:22:20	82.33	00:01:07	1.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	4	y	1	F@	2	01:22:35	82.58	00:00:15	0.25
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	5	y	1	F@	0	01:23:41	83.68	00:01:06	1.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	6	y	1	Bx	4	01:24:05	84.08	00:00:24	0.4
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	7	y	1	Fx	4	01:24:38	84.63	00:00:33	0.55
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	8	y	1	Ex	1	01:28:52	88.87	00:04:14	4.2333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	9	y	1	F@	2	01:28:56	88.93	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	10	y	1	E-	1	01:29:02	89.03	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	11	y	1	F+	1	01:29:07	89.12	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	12	y	1	Ex	4	02:13:55	133.92	00:44:48	44.8
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	13	y	1	D@	2	02:14:35	134.58	00:00:40	0.6667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	14	y	1	E-	1	02:14:38	134.63	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	15	y	1	E+	1	02:14:56	134.93	00:00:18	0.3
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	16	y	1	Aa	4	02:15:08	135.13	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	46	R11_B46	mix	sul+	azo+	1	17	y	1	Fx	5	02:15:24	135.4	00:00:16	0.2667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	48	R11_B48	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	51	R11_B51	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	54	R11_B54	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	69	R11_B69	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	1	y	1	A-	NA	00:44:12	44.2	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	15	y	1	C-	2	00:50:22	50.37	00:06:10	6.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	2	y	1	B-	1	00:46:46	46.77	00:03:36	3.6
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	3	y	1	C-	1	00:47:08	47.13	00:00:22	0.3667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	4	y	1	D+	1	00:47:55	47.92	00:00:47	0.7833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	5	y	1	E@	2	00:48:11	48.18	00:00:16	0.2667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	6	y	1	Ea	1	00:48:26	48.43	00:00:15	0.25

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	7	y	1	Fx	1	00:48:51	48.85	00:00:25	0.4167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	8	y	1	Ea	1	00:49:00	49	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	9	y	1	E@	1	00:49:09	49.15	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	10	y	1	E@	0	00:49:24	49.4	00:00:15	0.25
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	11	y	1	D@	1	00:49:29	49.48	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	12	p	0	D-	1	00:50:05	50.08	00:00:36	0.6
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	13	y	1	D+	1	00:50:08	50.13	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	14	y	1	C-	1	00:50:18	50.3	00:00:10	0.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	16	y	1	B@	1	00:50:27	50.45	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	17	y	1	A@	1	00:50:32	50.53	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	18	y	1	D@	3	00:50:44	50.73	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	19	y	1	F-	2	00:50:50	50.83	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	20	y	1	E+	1	00:50:59	50.98	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	21	y	1	D+	1	00:51:04	51.07	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	22	y	1	Fx	4	00:51:15	51.25	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	23	y	1	Fx	0	00:51:27	51.45	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	24	y	1	E@	2	01:01:26	61.43	00:09:59	9.9833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	25	y	1	F-	1	01:01:33	61.55	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	26	y	1	Dx	3	01:01:50	61.83	00:00:17	0.2833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	27	y	1	Ca	1	01:01:53	61.88	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	28	y	1	B@	1	01:01:56	61.93	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	29	y	1	B-	1	01:02:08	62.13	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	30	y	1	Ax	3	01:02:20	62.33	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	31	y	1	F-	5	01:02:53	62.88	00:00:33	0.55
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	32	y	1	D+	2	01:02:59	62.98	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	33	y	1	E+	1	01:03:11	63.18	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	34	y	1	C+	2	01:04:09	64.15	00:00:58	0.9667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	35	y	1	C+	0	01:04:46	64.77	00:00:37	0.6167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	36	y	1	F-	3	01:05:04	65.07	00:00:18	0.3
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	37	y	1	E+	1	01:18:27	78.45	00:13:23	13.3833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	38	y	1	F+	1	01:18:39	78.65	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	39	y	1	E+	1	01:18:56	78.93	00:00:17	0.2833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	40	y	1	E-	1	01:19:02	79.03	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	41	y	1	E+	1	01:19:13	79.22	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	42	y	1	F+	1	01:19:24	79.4	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	43	y	1	D@	2	01:21:17	81.28	00:01:53	1.8833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	44	y	1	Bx	2	01:42:34	102.57	00:21:17	21.2833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	45	y	1	Bx	0	01:42:48	102.8	00:00:14	0.2333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	46	y	1	Ba	1	01:42:52	102.87	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	47	y	1	Aa	1	02:10:55	130.92	00:28:03	28.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	48	y	1	Ba	1	02:11:10	131.17	00:00:15	0.25
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	49	y	1	Ex	3	02:11:35	131.58	00:00:25	0.4167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	50	y	1	Ba	3	02:20:39	140.65	00:09:04	9.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	70	R11_B70	azo	sul-	azo+	1	51	y	1	Cx	1	02:20:43	140.72	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	72	R11_B72	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	75	R11_B75	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	1	y	1	D+	NA	00:01:40	1.67	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	2	y	1	D+	0	00:02:20	2.33	00:00:40	0.6667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	3	y	1	E+	1	00:03:14	3.23	00:00:54	0.9
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	4	y	1	F-	1	00:03:23	3.38	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	5	y	1	E+	1	00:04:09	4.15	00:00:46	0.7667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	6	p	0	E-	1	00:04:15	4.25	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	7	y	1	D+	1	00:04:20	4.33	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	8	y	1	E+	1	00:04:24	4.4	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	9	p	0	F+	1	00:04:32	4.53	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	10	y	1	F-	1	00:04:37	4.62	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	11	y	1	D+	2	00:04:48	4.8	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	12	y	1	C-	1	00:04:57	4.95	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	13	y	1	B-	1	00:05:09	5.15	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	14	y	1	B@	1	00:05:19	5.32	00:00:10	0.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	15	y	1	Aa	1	00:05:33	5.55	00:00:14	0.2333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	16	p	0	A@	1	00:05:35	5.58	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	17	y	1	C-	2	00:05:38	5.63	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	18	y	1	D@	1	00:05:45	5.75	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	19	y	1	E@	1	00:05:55	5.92	00:00:10	0.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	20	y	1	F-	1	00:06:00	6	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	21	y	1	F-	0	00:06:11	6.18	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	22	y	1	D+	2	00:06:15	6.25	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	23	y	1	C-	1	00:06:30	6.5	00:00:15	0.25
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	24	y	1	D-	1	00:06:33	6.55	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	25	y	1	F-	2	00:06:42	6.7	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	26	y	1	Fx	3	00:06:48	6.8	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	27	y	1	Ca	3	00:13:58	13.97	00:07:10	7.1667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	28	y	1	D@	1	00:14:10	14.17	00:00:12	0.2
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	29	y	1	Aa	3	00:14:18	14.3	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	30	y	1	Ax	1	00:14:27	14.45	00:00:09	0.15

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	31	y	1	Aa	1	00:14:33	14.55	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	32	y	1	E+	4	00:14:38	14.63	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	33	y	1	F-	1	00:14:44	14.73	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	34	y	1	B-	4	00:49:21	49.35	00:34:37	34.6167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	35	y	1	C-	1	00:49:25	49.42	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	36	y	1	D+	1	00:49:30	49.5	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	37	y	1	E@	2	00:49:34	49.57	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	38	y	1	Fx	2	00:49:38	49.63	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	39	y	1	A-	5	00:49:55	49.92	00:00:17	0.2833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	40	y	1	Ea	4	00:53:44	53.73	00:03:49	3.8167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	41	y	1	Dx	1	00:53:51	53.85	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	42	y	1	Ca	1	00:53:59	53.98	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	43	y	1	B@	1	00:54:07	54.12	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	44	y	1	A-	1	00:54:11	54.18	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	45	y	1	D@	3	00:54:20	54.33	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	46	y	1	E@	1	00:54:22	54.37	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	47	y	1	F-	1	00:54:26	54.43	00:00:04	0.0667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	48	y	1	F@	1	01:09:44	69.73	00:15:18	15.3
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	49	y	1	Fx	2	01:09:53	69.88	00:00:09	0.15
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	50	y	1	Ex	1	01:10:00	70	00:00:07	0.1167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	51	y	1	Fx	1	01:10:06	70.1	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	52	y	1	F@	2	01:10:08	70.13	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	53	y	1	E-	1	01:10:13	70.22	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	54	y	1	E+	1	01:10:16	70.27	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	55	y	1	F+	1	01:10:27	70.45	00:00:11	0.1833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	56	y	1	Cx	4	01:20:40	80.67	00:10:13	10.2167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	57	y	1	Ex	2	01:20:46	80.77	00:00:06	0.1
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	58	y	1	B-	3	01:20:49	80.82	00:00:03	0.05
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	59	y	1	B-	0	01:20:57	80.95	00:00:08	0.1333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	60	y	1	A@	1	01:20:59	80.98	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	61	y	1	Aa	1	01:21:04	81.07	00:00:05	0.0833
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	62	y	1	D@	3	01:47:50	107.83	00:26:46	26.7667
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	63	y	1	Cx	2	01:47:52	107.87	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	77	R11_B77	azo	sul-	azo+	1	64	y	1	Ba	1	01:47:54	107.9	00:00:02	0.0333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	79	R11_B79	sul	sul+	azo-	1	1	p	0	A@	NA	00:06:19	6.32	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	80	R11_B80	azo	sul-	azo+	1	1	y	1	Ea	NA	01:01:24	61.4	NA	NA
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	80	R11_B80	azo	sul-	azo+	1	2	y	1	C+	3	01:20:24	80.4	00:19:00	19
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	80	R11_B80	azo	sul-	azo+	1	3	p	0	D+	1	01:21:56	81.93	00:01:32	1.5333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	80	R11_B80	azo	sul-	azo+	1	4	y	1	C+	1	01:23:15	83.25	00:01:19	1.3167
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	80	R11_B80	azo	sul-	azo+	1	5	p	0	C-	1	01:33:35	93.58	00:10:20	10.3333
19.05.2021	R11	yellow	2	44	13:35	16:15	02:40	60	40	60	38	80	R11_B80	azo	sul-	azo+	1	6	y	1	Bx	3	01:34:24	94.4	00:00:49	0.8167
21.05.2021	R12	pink	1	20	12:00	13:25	01:25	0	25	60	0	26	R12_B26	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
21.05.2021	R12	pink	1	20	12:00	13:25	01:25	0	25	60	0	53	R12_B53	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
21.05.2021	R12	pink	1	20	12:00	13:25	01:25	0	25	60	0	64	R12_B64	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
21.05.2021	R12	pink	1	20	12:00	13:25	01:25	0	25	60	0	65	R12_B65	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	1	y	1	A@	NA	00:41:52	41.87	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	2	y	1	Ax	2	00:44:54	44.9	00:03:02	3.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	3	p	0	Bx	1	00:46:40	46.67	00:01:46	1.7667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	4	y	1	Ax	1	00:46:48	46.8	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	5	p	0	Aa	1	00:47:04	47.07	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	6	y	1	Ax	1	00:47:10	47.17	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	7	p	0	Aa	1	00:47:59	47.98	00:00:49	0.8167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	8	y	1	A@	1	00:48:06	48.1	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	9	y	1	B-	1	00:48:35	48.58	00:00:29	0.4833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	10	y	1	A+	1	00:49:19	49.32	00:00:44	0.7333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	11	y	1	B-	1	00:50:05	50.08	00:00:46	0.7667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	12	y	1	A@	1	00:50:46	50.77	00:00:41	0.6833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	13	y	1	Ba	1	00:51:14	51.23	00:00:28	0.4667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	15	y	1	Ax	1	00:51:31	51.52	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	14	y	1	Ax	0	00:51:31	51.52	00:00:00	0
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	16	y	1	Dx	3	00:51:43	51.72	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	17	y	1	Ex	1	00:51:47	51.78	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	18	y	1	Ax	4	00:51:54	51.9	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	19	p	0	Fa	5	00:52:04	52.07	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	20	y	1	F@	1	00:52:07	52.12	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	21	y	1	F-	1	00:52:28	52.47	00:00:21	0.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	22	y	1	E+	1	00:53:04	53.07	00:00:36	0.6
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	23	y	1	E+	0	00:53:22	53.37	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	24	y	1	Ax	4	00:54:45	54.75	00:01:23	1.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	25	y	1	Cx	2	00:55:05	55.08	00:00:20	0.3333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	26	y	1	Da	1	00:56:04	56.07	00:00:59	0.9833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	27	y	1	Dx	1	00:56:11	56.18	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	28	y	1	Cx	1	00:56:17	56.28	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	29	y	1	Ba	1	00:56:33	56.55	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	30	y	1	D-	2	01:38:15	98.25	00:41:42	41.7
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	31	y	1	Bx	3	01:38:23	98.38	00:00:08	0.1333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	32	y	1	Ea	3	01:38:47	98.78	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	33	y	1	E-	2	01:39:15	99.25	00:00:28	0.4667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	34	y	1	Cx	3	02:31:51	151.85	00:52:36	52.6
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	35	y	1	Cx	0	02:32:12	152.2	00:00:21	0.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	36	y	1	E@	2	02:32:22	152.37	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	37	y	1	F-	1	02:32:35	152.58	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	38	y	1	B@	4	02:32:48	152.8	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	39	y	1	A+	2	02:33:00	153	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	40	y	1	F-	5	02:58:15	178.25	00:25:15	25.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	41	y	1	E@	1	02:58:23	178.38	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	42	y	1	Fa	1	02:58:37	178.62	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	43	y	1	E@	1	02:58:44	178.73	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	44	y	1	Da	1	02:58:48	178.8	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	15	R13_B15	azo	sul-	azo+	1	45	y	1	C-	2	02:58:52	178.87	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	1	p	0	D@	NA	00:19:41	19.68	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	2	y	1	D-	1	00:19:47	19.78	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	3	p	0	D@	1	00:20:00	20	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	4	y	1	E@	1	00:20:13	20.22	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	5	p	0	E-	1	00:20:16	20.27	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	6	y	1	E@	1	00:20:22	20.37	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	7	p	0	D@	1	00:20:29	20.48	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	8	y	1	E@	1	00:20:33	20.55	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	9	p	0	Fx	2	00:20:37	20.62	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	10	y	1	A+	5	00:20:55	20.92	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	11	y	1	A@	2	00:21:06	21.1	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	12	y	1	B-	1	00:21:08	21.13	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	13	y	1	A@	1	00:23:05	23.08	00:01:57	1.95
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	14	y	1	Ba	1	00:23:11	23.18	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	15	y	1	Ba	0	00:24:08	24.13	00:00:57	0.95
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	16	p	0	B@	1	00:24:11	24.18	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	17	p	0	C@	1	00:24:14	24.23	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	18	y	1	C-	1	00:24:21	24.35	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	19	y	1	E@	2	00:24:27	24.45	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	20	y	1	F@	1	00:24:41	24.68	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	21	y	1	F-	1	00:24:45	24.75	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	22	y	1	F@	1	00:24:53	24.88	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	23	y	1	F-	1	00:25:05	25.08	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	24	y	1	E+	1	00:25:11	25.18	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	25	y	1	D-	1	00:25:19	25.32	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	26	y	1	C-	1	00:25:29	25.48	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	27	y	1	D-	1	00:25:31	25.52	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	28	y	1	C-	1	00:25:48	25.8	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	29	y	1	B-	1	00:25:53	25.88	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	30	y	1	A@	1	00:25:58	25.97	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	31	y	1	A+	2	00:26:01	26.02	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	32	y	1	B-	1	00:26:08	26.13	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	33	y	1	D-	2	00:26:13	26.22	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	34	y	1	E+	1	00:26:15	26.25	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	35	y	1	F-	1	00:26:21	26.35	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	36	y	1	F@	1	00:26:23	26.38	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	37	y	1	Ex	2	00:26:29	26.48	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	38	y	1	E+	4	00:26:33	26.55	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	39	y	1	A+	4	00:26:37	26.62	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	40	y	1	Ax	4	00:26:41	26.68	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	41	y	1	Dx	3	00:27:26	27.43	00:00:45	0.75
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	42	y	1	Ex	1	00:27:29	27.48	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	43	y	1	Dx	1	00:27:36	27.6	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	44	y	1	Cx	1	00:27:42	27.7	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	45	y	1	Ba	1	00:27:46	27.77	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	46	y	1	Ba	0	00:36:27	36.45	00:08:41	8.6833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	47	y	1	Ax	1	00:36:33	36.55	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	48	y	1	Ax	0	00:36:44	36.73	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	49	y	1	A@	2	00:36:49	36.82	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	50	y	1	A+	2	00:36:53	36.88	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	51	p	0	B-	1	00:37:02	37.03	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	52	y	1	C-	1	00:37:09	37.15	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	53	y	1	D-	1	00:37:11	37.18	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	54	y	1	B-	2	01:18:47	78.78	00:41:36	41.6
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	55	y	1	B@	1	01:18:53	78.88	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	56	y	1	B@	0	01:19:00	79	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	57	y	1	Ba	1	01:19:02	79.03	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	58	y	1	Ba	0	01:19:12	79.2	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	59	y	1	C@	1	01:19:14	79.23	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	60	y	1	D-	1	01:19:26	79.43	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	61	y	1	D-	0	01:59:03	119.05	00:39:37	39.6167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	62	y	1	E-	1	01:59:06	119.1	00:00:03	0.05

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	63	y	1	F@	1	01:59:11	119.18	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	64	y	1	Ea	1	01:59:21	119.35	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	65	y	1	Ex	1	01:59:33	119.55	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	66	y	1	B@	3	01:59:41	119.68	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	67	y	1	B-	1	01:59:51	119.85	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	68	y	1	B+	1	01:59:58	119.97	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	69	y	1	B@	2	02:23:16	143.27	00:23:18	23.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	70	y	1	C@	1	02:23:33	143.55	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	71	y	1	C-	1	02:23:38	143.63	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	72	y	1	D+	1	02:23:49	143.82	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	73	y	1	E+	1	02:23:52	143.87	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	74	y	1	E@	2	02:23:57	143.95	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	75	y	1	Fa	1	02:24:02	144.03	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	76	y	1	Cx	3	02:46:08	166.13	00:22:06	22.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	77	y	1	C-	3	02:46:10	166.17	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	78	y	1	E+	2	02:46:15	166.25	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	79	y	1	Fa	3	02:46:17	166.28	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	17	R13_B17	azo	sul-	azo+	0	80	y	1	Fa	0	02:46:32	166.53	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	20	R13_B20	azo	sul-	azo+	1	1	y	1	Cx	NA	00:20:27	20.45	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	23	R13_B23	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	1	y	1	Cx	NA	00:11:49	11.82	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	2	y	1	Cx	0	00:36:30	36.5	00:24:41	24.6833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	3	y	1	Cx	0	00:58:50	58.83	00:22:20	22.3333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	4	y	1	C@	2	01:05:42	65.7	00:06:52	6.8667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	5	y	1	Cx	2	01:11:36	71.6	00:05:54	5.9
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	6	p	0	Dx	1	01:17:53	77.88	00:06:17	6.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	7	p	0	Dx	0	01:20:36	80.6	00:02:43	2.7167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	8	y	1	Ex	1	01:20:55	80.92	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	9	y	1	Cx	2	01:28:27	88.45	00:07:32	7.5333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	10	y	1	Bx	1	01:31:20	91.33	00:02:53	2.8833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	24	R13_B24	azo	sul-	azo+	1	11	y	1	Ba	1	01:40:31	100.52	00:09:11	9.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	1	y	1	F+	NA	01:08:38	68.63	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	2	p	0	F-	1	01:09:26	69.43	00:00:48	0.8
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	3	y	1	F+	1	01:09:30	69.5	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	4	p	0	F-	1	01:09:37	69.62	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	5	y	1	Bx	4	01:09:46	69.77	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	6	y	1	Ba	1	01:09:51	69.85	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	7	y	1	A-	2	01:10:02	70.03	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	8	y	1	F@	5	01:10:25	70.42	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	9	y	1	Ea	1	01:11:20	71.33	00:00:55	0.9167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	10	p	0	E@	1	01:11:44	71.73	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	11	y	1	E-	1	01:11:52	71.87	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	12	y	1	E+	1	01:11:54	71.9	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	13	y	1	E-	1	01:12:07	72.12	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	14	y	1	F+	1	01:12:22	72.37	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	15	y	1	E+	1	01:12:28	72.47	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	16	y	1	F@	2	01:13:49	73.82	00:01:21	1.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	17	y	1	E-	1	01:18:23	78.38	00:04:34	4.5667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	18	y	1	E+	1	01:18:27	78.45	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	19	y	1	Ea	3	01:19:31	79.52	00:01:04	1.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	20	y	1	A-	4	01:36:18	96.3	00:16:47	16.7833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	21	y	1	B+	1	01:36:20	96.33	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	22	y	1	Ex	4	01:37:45	97.75	00:01:25	1.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	23	y	1	Ea	1	01:37:50	97.83	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	24	y	1	F@	1	01:37:57	97.95	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	25	y	1	Fa	1	02:19:07	139.12	00:41:10	41.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	26	y	1	Fa	0	02:20:25	140.42	00:01:18	1.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	27	y	1	F-	2	02:23:05	143.08	00:02:40	2.6667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	30	R13_B30	azo	sul-	azo+	1	28	y	1	E+	1	02:23:13	143.22	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	32	R13_B32	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	1	y	1	B-	NA	00:40:47	40.78	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	2	y	1	C-	1	00:41:49	41.82	00:01:02	1.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	3	y	1	D-	1	00:42:55	42.92	00:01:06	1.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	4	p	0	D@	1	00:43:34	43.57	00:00:39	0.65
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	5	y	1	D-	1	00:43:40	43.67	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	6	y	1	F-	2	00:43:56	43.93	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	7	y	1	F@	1	00:44:07	44.12	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	8	p	0	Fx	2	00:44:21	44.35	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	9	y	1	Dx	2	00:44:25	44.42	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	10	y	1	Dx	0	00:44:36	44.6	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	11	y	1	Ex	1	00:44:42	44.7	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	12	y	1	Da	1	00:44:45	44.75	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	13	y	1	A+	3	00:44:52	44.87	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	14	y	1	B-	1	00:44:59	44.98	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	15	y	1	C-	1	00:45:09	45.15	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	16	y	1	D-	1	00:45:17	45.28	00:00:08	0.1333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	17	y	1	E@	1	00:45:27	45.45	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	18	y	1	F@	1	00:45:37	45.62	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	19	y	1	F-	1	00:45:47	45.78	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	20	y	1	E+	1	00:45:53	45.88	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	21	y	1	C-	2	00:46:24	46.4	00:00:31	0.5167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	22	y	1	B-	1	00:46:38	46.63	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	23	y	1	A+	1	00:46:44	46.73	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	24	y	1	A+	0	00:47:16	47.27	00:00:32	0.5333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	25	y	1	C-	2	02:42:24	162.4	01:55:08	115.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	26	y	1	Ex	3	02:43:49	163.82	00:01:25	1.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	27	y	1	Dx	1	02:43:51	163.85	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	28	y	1	F-	3	02:43:57	163.95	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	29	y	1	E+	1	02:44:00	164	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	30	y	1	D+	1	02:44:04	164.07	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	31	y	1	E+	1	02:44:07	164.12	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	32	y	1	D+	1	02:44:39	164.65	00:00:32	0.5333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	33	y	1	D+	0	02:44:48	164.8	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	34	y	1	B+	2	02:44:53	164.88	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	35	y	1	A+	1	02:45:24	165.4	00:00:31	0.5167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	34	R13_B34	mix	sul+	azo+	1	36	y	1	B@	2	02:45:42	165.7	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	1	y	1	F@	NA	00:39:58	39.97	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	2	y	1	F-	1	00:40:49	40.82	00:00:51	0.85
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	3	y	1	E+	1	00:41:46	41.77	00:00:57	0.95
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	4	y	1	D-	1	00:41:57	41.95	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	5	y	1	E+	1	00:42:02	42.03	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	6	y	1	Dx	4	02:13:56	133.93	01:31:54	91.9
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	7	y	1	Da	1	02:14:43	134.72	00:00:47	0.7833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	8	y	1	Ex	1	02:16:42	136.7	00:01:59	1.9833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	9	y	1	Dx	1	02:16:48	136.8	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	10	y	1	F-	3	02:19:20	139.33	00:02:32	2.5333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	11	y	1	A+	5	02:20:05	140.08	00:00:45	0.75
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	12	y	1	Aa	3	02:25:41	145.68	00:05:36	5.6
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	13	y	1	Da	3	02:27:53	147.88	00:02:12	2.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	14	y	1	Fa	2	02:27:57	147.95	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	15	y	1	Cx	3	02:29:49	149.82	00:01:52	1.8667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	16	y	1	B+	4	02:31:26	151.43	00:01:37	1.6167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	17	y	1	C-	1	02:31:29	151.48	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	18	y	1	Ex	3	03:01:28	181.47	00:29:59	29.9833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	20	y	1	Fa	1	03:01:38	181.63	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	21	y	1	E@	1	03:01:40	181.67	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	22	p	0	Ea	1	03:01:42	181.7	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	23	y	1	Ex	1	03:01:44	181.73	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	24	y	1	C@	2	03:02:31	182.52	00:00:47	0.7833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	25	p	0	D@	1	03:02:37	182.62	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	26	y	1	E@	1	03:02:39	182.65	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	27	p	0	F@	1	03:02:42	182.7	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	28	y	1	C-	3	03:02:54	182.9	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	29	y	1	D+	1	03:02:56	182.93	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	30	y	1	E+	1	03:02:58	182.97	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	31	y	1	F-	1	03:03:01	183.02	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	32	y	1	B@	4	03:03:43	183.72	00:00:42	0.7
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	33	p	0	B-	1	03:03:51	183.85	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	34	y	1	A+	1	03:03:53	183.88	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	39	R13_B39	mix	sul+	azo+	1	35	y	1	E+	4	03:05:57	185.95	00:02:04	2.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	1	y	1	C-	NA	00:51:08	51.13	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	2	y	1	A@	2	00:51:33	51.55	00:00:25	0.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	3	y	1	A@	0	00:51:33	51.55	00:00:00	0
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	4	p	0	A-	1	00:51:42	51.7	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	5	y	1	A+	1	00:51:44	51.73	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	6	p	0	A-	1	00:51:58	51.97	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	7	y	1	B-	1	00:52:02	52.03	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	8	y	1	D-	2	00:52:14	52.23	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	9	y	1	Da	2	00:52:18	52.3	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	10	y	1	A@	3	00:52:25	52.42	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	11	y	1	E@	4	00:52:36	52.6	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	12	y	1	F@	1	00:53:15	53.25	00:00:39	0.65
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	13	y	1	F-	1	00:53:34	53.57	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	14	y	1	F@	1	00:53:40	53.67	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	15	y	1	D-	2	00:54:02	54.03	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	16	y	1	E+	1	00:54:08	54.13	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	17	y	1	E@	2	00:54:25	54.42	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	18	y	1	Da	1	00:54:33	54.55	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	19	y	1	Cx	1	00:54:37	54.62	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	20	y	1	Da	1	00:54:43	54.72	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	21	y	1	E@	1	00:54:49	54.82	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	22	y	1	F-	1	00:54:59	54.98	00:00:10	0.1667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	23	y	1	D-	2	00:55:07	55.12	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	24	y	1	Cx	3	00:55:17	55.28	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	25	y	1	Dx	1	00:55:26	55.43	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	26	y	1	Ex	1	00:55:30	55.5	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	27	y	1	B@	3	01:04:22	64.37	00:08:52	8.8667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	28	y	1	E+	3	01:06:18	66.3	00:01:56	1.9333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	29	y	1	F+	1	01:06:29	66.48	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	30	y	1	F+	0	01:19:10	79.17	00:12:41	12.6833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	31	y	1	F@	2	01:19:20	79.33	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	32	y	1	B@	4	01:28:07	88.12	00:08:47	8.7833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	33	y	1	B-	1	01:28:20	88.33	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	34	y	1	B@	1	01:52:58	112.97	00:24:38	24.6333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	35	y	1	D-	2	01:58:38	118.63	00:05:40	5.6667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	36	y	1	E-	1	01:58:52	118.87	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	37	y	1	F+	1	01:58:54	118.9	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	38	y	1	E+	1	01:59:00	119	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	39	y	1	B+	3	01:59:13	119.22	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	40	y	1	E+	3	01:59:18	119.3	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	41	y	1	A+	4	02:44:19	164.32	00:45:01	45.0167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	42	y	1	C-	2	02:44:25	164.42	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	43	y	1	D+	1	02:44:35	164.58	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	44	y	1	F-	2	02:44:42	164.7	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	45	y	1	Dx	3	02:48:53	168.88	00:04:11	4.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	46	y	1	Ex	1	02:52:14	172.23	00:03:21	3.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	47	y	1	Fa	1	02:52:17	172.28	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	48	y	1	E+	3	02:52:20	172.33	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	49	y	1	E@	2	02:52:43	172.72	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	50	y	1	Da	1	02:52:46	172.77	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	51	y	1	Ex	1	02:52:50	172.83	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	40	R13_B40	mix	sul+	azo+	1	52	y	1	C-	3	02:53:15	173.25	00:00:25	0.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	1	p	0	F+	NA	00:08:50	8.83	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	2	y	1	E+	1	00:08:54	8.9	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	3	p	0	F+	1	00:09:05	9.08	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	4	y	1	Cx	4	00:09:11	9.18	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	5	p	0	Aa	2	00:09:16	9.27	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	6	p	0	A-	2	00:09:20	9.33	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	7	y	1	A+	1	00:09:23	9.38	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	8	y	1	C-	2	00:09:27	9.45	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	9	p	0	E-	2	00:09:35	9.58	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	10	y	1	E+	1	00:09:38	9.63	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	11	p	0	F+	1	00:10:15	10.25	00:00:37	0.6167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	12	y	1	F-	1	00:10:19	10.32	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	13	p	0	E-	1	00:10:22	10.37	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	14	p	0	Ea	2	00:10:33	10.55	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	15	p	0	Fa	1	00:10:43	10.72	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	16	y	1	F-	2	00:10:49	10.82	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	17	y	1	E+	1	00:10:58	10.97	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	18	y	1	A+	4	00:11:03	11.05	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	19	y	1	Ax	4	00:11:05	11.08	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	20	y	1	Ax	0	00:11:27	11.45	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	21	y	1	B-	3	00:11:45	11.75	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	22	y	1	C-	1	00:11:51	11.85	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	23	y	1	D-	1	00:12:00	12	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	24	p	0	Fx	3	00:12:14	12.23	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	25	p	0	C+	4	00:12:51	12.85	00:00:37	0.6167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	26	y	1	A+	2	00:12:55	12.92	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	27	y	1	Ax	4	00:13:03	13.05	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	28	y	1	C-	3	00:13:29	13.48	00:00:26	0.4333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	29	y	1	D-	1	00:13:38	13.63	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	30	y	1	Da	2	00:13:54	13.9	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	31	p	0	Ea	1	00:14:05	14.08	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	32	y	1	E@	1	00:14:07	14.12	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	33	y	1	F@	1	00:14:09	14.15	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	34	y	1	F-	1	00:14:19	14.32	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	35	y	1	F@	1	00:14:22	14.37	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	36	y	1	E@	1	00:14:26	14.43	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	37	y	1	Da	1	00:14:30	14.5	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	38	y	1	Dx	1	00:14:42	14.7	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	39	y	1	Ex	1	00:14:46	14.77	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	40	y	1	D-	3	00:15:08	15.13	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	41	y	1	B-	2	00:15:27	15.45	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	42	y	1	B-	0	00:15:37	15.62	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	43	y	1	A+	1	00:15:40	15.67	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	44	y	1	A@	2	00:15:44	15.73	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	45	y	1	Ax	2	00:16:01	16.02	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	46	y	1	A+	4	00:16:15	16.25	00:00:14	0.2333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	47	y	1	D-	3	00:16:17	16.28	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	48	y	1	F@	2	00:16:21	16.35	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	49	y	1	Ba	4	00:16:38	16.63	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	50	y	1	Ax	1	00:16:42	16.7	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	51	y	1	F@	5	00:17:00	17	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	52	y	1	Ex	2	00:17:38	17.63	00:00:38	0.6333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	53	y	1	Da	1	00:17:43	17.72	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	54	y	1	E@	1	00:17:47	17.78	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	55	y	1	F@	1	00:17:54	17.9	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	56	y	1	Ex	2	00:17:59	17.98	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	57	y	1	D-	3	00:18:03	18.05	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	58	y	1	E+	1	00:18:11	18.18	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	59	y	1	Cx	4	00:20:52	20.87	00:02:41	2.6833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	60	y	1	Ex	2	00:21:04	21.07	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	61	y	1	D@	2	00:21:20	21.33	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	62	y	1	Da	1	00:22:48	22.8	00:01:28	1.4667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	63	y	1	Dx	1	00:22:54	22.9	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	64	y	1	Cx	1	00:22:58	22.97	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	65	y	1	Ba	1	00:23:02	23.03	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	66	y	1	Ax	1	00:48:08	48.13	00:25:06	25.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	67	y	1	Ba	1	00:48:16	48.27	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	68	p	0	B@	1	00:48:23	48.38	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	69	y	1	B-	1	00:48:25	48.42	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	70	y	1	A+	1	00:48:28	48.47	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	71	y	1	A@	2	00:48:33	48.55	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	72	y	1	C-	2	00:48:40	48.67	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	73	y	1	D-	1	00:48:48	48.8	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	74	y	1	E@	1	00:48:53	48.88	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	75	y	1	E+	2	00:48:57	48.95	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	76	y	1	Bx	4	01:07:35	67.58	00:18:38	18.6333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	77	y	1	Ba	1	01:07:42	67.7	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	78	y	1	B@	1	01:07:53	67.88	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	79	y	1	B@	0	01:08:04	68.07	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	80	y	1	Bx	2	01:08:07	68.12	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	81	y	1	B+	4	01:32:01	92.02	00:23:54	23.9
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	82	y	1	B-	1	01:32:07	92.12	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	83	y	1	C@	1	01:32:13	92.22	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	84	y	1	B@	1	01:32:22	92.37	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	85	y	1	B-	1	01:32:24	92.4	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	86	y	1	B+	1	01:32:26	92.43	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	87	y	1	Ea	3	01:32:29	92.48	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	88	y	1	F@	1	01:32:32	92.53	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	89	y	1	A-	5	01:32:36	92.6	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	90	y	1	B@	1	01:32:41	92.68	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	91	y	1	A-	1	01:32:47	92.78	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	92	y	1	B-	1	01:32:50	92.83	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	93	y	1	E+	3	01:32:54	92.9	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	94	y	1	E-	1	01:33:17	93.28	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	95	y	1	F+	1	01:33:21	93.35	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	96	y	1	F@	2	01:33:26	93.43	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	97	y	1	B+	4	02:12:06	132.1	00:38:40	38.6667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	98	y	1	A+	1	02:12:14	132.23	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	99	y	1	B+	1	02:12:22	132.37	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	100	y	1	A+	1	02:12:41	132.68	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	101	y	1	Aa	3	02:12:46	132.77	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	102	y	1	B@	1	02:12:50	132.83	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	41	R13_B41	mix	sul+	azo+	1	103	y	1	C@	1	02:13:04	133.07	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	49	R13_B49	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	1	y	1	Dx	NA	00:34:53	34.88	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	2	y	1	Dx	0	00:38:26	38.43	00:03:33	3.55
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	3	y	1	Ex	1	00:41:55	41.92	00:03:29	3.4833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	4	p	0	Fx	1	00:43:21	43.35	00:01:26	1.4333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	5	y	1	Ex	1	00:43:26	43.43	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	6	y	1	Ex	0	00:44:02	44.03	00:00:36	0.6
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	7	y	1	Dx	1	00:44:40	44.67	00:00:38	0.6333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	8	y	1	Ex	1	00:45:04	45.07	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	9	p	0	Fa	1	00:45:14	45.23	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	10	p	0	Fx	1	00:45:23	45.38	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	11	y	1	Ex	1	00:45:25	45.42	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	12	y	1	Da	1	00:45:34	45.57	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	13	y	1	E@	1	00:46:54	46.9	00:01:20	1.3333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	14	y	1	F@	1	00:47:06	47.1	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	15	y	1	F-	1	00:47:30	47.5	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	16	y	1	E+	1	00:47:51	47.85	00:00:21	0.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	17	y	1	F-	1	00:48:19	48.32	00:00:28	0.4667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	18	y	1	F-	0	00:49:06	49.1	00:00:47	0.7833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	20	y	1	E@	1	00:49:13	49.22	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	19	y	1	F@	1	00:49:26	49.43	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	21	y	1	Da	2	00:49:36	49.6	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	22	y	1	Dx	1	00:49:58	49.97	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	23	y	1	Ax	3	00:50:07	50.12	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	24	y	1	Ax	0	00:50:22	50.37	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	25	p	0	Aa	1	00:50:26	50.43	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	26	y	1	A@	1	00:50:30	50.5	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	27	y	1	A+	2	00:50:43	50.72	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	28	y	1	B-	1	00:50:52	50.87	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	29	y	1	D-	2	00:50:56	50.93	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	30	y	1	E+	1	00:51:24	51.4	00:00:28	0.4667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	32	y	1	E+	0	00:51:25	51.42	00:00:01	0.0167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	31	p	0	F+	1	00:51:37	51.62	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	33	p	0	F+	0	00:51:37	51.62	00:00:00	0
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	34	p	0	E+	1	00:51:40	51.67	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	35	y	1	C-	2	00:51:46	51.77	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	36	y	1	B-	1	00:52:10	52.17	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	37	y	1	A@	1	00:52:12	52.2	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	38	y	1	Ba	1	00:52:16	52.27	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	39	y	1	Cx	1	00:52:22	52.37	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	40	y	1	Dx	1	00:52:26	52.43	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	41	y	1	Ex	1	00:52:31	52.52	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	42	y	1	F@	2	00:52:45	52.75	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	43	y	1	Da	2	00:52:49	52.82	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	44	y	1	Ax	3	00:52:53	52.88	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	45	y	1	A@	2	00:52:56	52.93	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	46	y	1	B-	1	00:52:59	52.98	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	47	y	1	A+	1	00:53:02	53.03	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	48	y	1	D-	3	00:53:06	53.1	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	49	y	1	F-	2	00:53:20	53.33	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	50	y	1	F-	0	00:53:42	53.7	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	51	y	1	E+	1	00:53:45	53.75	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	52	y	1	E@	2	00:53:50	53.83	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	53	y	1	F@	1	00:54:06	54.1	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	54	y	1	Da	2	00:54:14	54.23	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	55	y	1	Dx	1	00:54:23	54.38	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	56	y	1	Ba	2	00:54:41	54.68	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	57	y	1	Da	2	00:55:24	55.4	00:00:43	0.7167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	58	y	1	E@	1	00:55:28	55.47	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	50	R13_B50	mix	sul+	azo+	1	59	y	1	D-	1	00:55:43	55.72	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	1	y	1	Dx	NA	02:23:08	143.13	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	2	p	0	E-	3	02:40:10	160.17	00:17:02	17.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	3	p	0	Ea	2	02:40:22	160.37	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	4	p	0	A-	4	02:40:26	160.43	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	5	p	0	E-	4	02:40:42	160.7	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	6	p	0	D-	1	02:40:45	160.75	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	7	y	1	F-	2	02:41:10	161.17	00:00:25	0.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	8	y	1	Fa	2	02:43:33	163.55	00:02:23	2.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	9	y	1	Dx	2	02:45:13	165.22	00:01:40	1.6667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	10	y	1	E@	2	02:45:32	165.53	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	11	p	0	E-	1	02:45:44	165.73	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	12	y	1	C-	2	02:45:49	165.82	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	13	y	1	D+	1	02:46:03	166.05	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	14	y	1	F-	2	02:46:13	166.22	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	15	y	1	E@	1	02:47:02	167.03	00:00:49	0.8167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	16	y	1	Dx	2	02:47:50	167.83	00:00:48	0.8
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	17	y	1	Aa	3	02:48:01	168.02	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	18	y	1	B@	1	02:49:37	169.62	00:01:36	1.6
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	19	y	1	B+	2	02:49:48	169.8	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	20	y	1	A+	1	02:50:01	170.02	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	21	y	1	Ex	4	02:50:26	170.43	00:00:25	0.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	22	y	1	Fa	1	02:50:47	170.78	00:00:21	0.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	23	y	1	F-	2	02:51:02	171.03	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	24	y	1	Cx	3	02:51:12	171.2	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	25	y	1	Dx	1	02:51:33	171.55	00:00:21	0.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	52	R13_B52	con	sul-	azo-	1	26	y	1	F-	3	02:51:56	171.93	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	62	R13_B62	con	sul-	azo-	1	1	y	1	Cx	NA	01:31:03	91.05	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	1	y	1	D-	NA	00:02:48	2.8	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	2	y	1	C-	1	00:02:56	2.93	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	3	y	1	C-	0	00:03:22	3.37	00:00:26	0.4333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	4	y	1	D-	1	00:03:27	3.45	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	5	y	1	E@	1	00:03:30	3.5	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	6	y	1	Da	1	00:03:34	3.57	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	7	y	1	Dx	1	00:04:02	4.03	00:00:28	0.4667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	8	y	1	Ex	1	00:04:13	4.22	00:00:11	0.1833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	9	y	1	F@	2	00:04:33	4.55	00:00:20	0.3333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	10	y	1	F-	1	00:04:43	4.72	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	11	y	1	F@	1	00:04:48	4.8	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	12	y	1	E@	1	00:04:56	4.93	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	13	y	1	D@	1	00:05:15	5.25	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	14	y	1	Da	1	00:05:19	5.32	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	15	y	1	Dx	1	00:05:24	5.4	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	16	y	1	Cx	1	00:05:30	5.5	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	17	y	1	A@	2	00:05:55	5.92	00:00:25	0.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	18	y	1	B-	1	00:06:07	6.12	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	19	y	1	A+	1	00:06:14	6.23	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	20	y	1	B-	1	00:06:37	6.62	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	21	y	1	A+	1	00:06:48	6.8	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	22	y	1	B@	2	01:18:00	78	01:11:12	71.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	23	y	1	B-	1	01:18:11	78.18	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	24	y	1	Bx	3	01:18:37	78.62	00:00:26	0.4333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	25	y	1	B-	3	01:18:50	78.83	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	26	y	1	B+	1	01:19:23	79.38	00:00:33	0.55
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	27	y	1	B-	1	01:19:28	79.47	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	28	y	1	F@	4	01:19:36	79.6	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	29	y	1	E@	1	02:40:49	160.82	01:21:13	81.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	30	y	1	C@	2	02:41:00	161	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	31	y	1	B@	1	02:41:05	161.08	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	32	y	1	B+	2	02:41:12	161.2	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	34	y	1	E+	3	02:43:03	163.05	00:01:51	1.85
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	33	y	1	D+	1	02:43:27	163.45	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	64	R13_B64	con	sul-	azo-	1	35	y	1	Ex	4	02:43:39	163.65	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	1	y	1	F@	NA	00:30:50	30.83	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	2	p	0	Fa	1	00:31:55	31.92	00:01:05	1.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	3	p	0	Fx	1	00:32:22	32.37	00:00:27	0.45
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	4	y	1	Ex	1	00:32:39	32.65	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	5	y	1	Dx	1	00:32:54	32.9	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	6	y	1	Cx	1	00:33:05	33.08	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	7	p	0	Bx	1	00:33:35	33.58	00:00:30	0.5
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	8	y	1	Cx	1	00:33:44	33.73	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	9	y	1	Dx	1	00:33:49	33.82	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	10	y	1	Da	1	00:34:01	34.02	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	15	p	0	Ea	1	00:34:05	34.08	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	11	p	0	Ea	0	00:34:14	34.23	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	12	y	1	Ex	1	00:34:25	34.42	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	13	y	1	Dx	1	00:34:39	34.65	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	14	y	1	Da	1	00:34:55	34.92	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	16	y	1	Da	0	00:35:11	35.18	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	17	y	1	F@	2	00:35:17	35.28	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	18	y	1	E+	2	00:35:36	35.6	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	19	p	0	F+	1	00:35:41	35.68	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	20	y	1	E+	1	00:35:50	35.83	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	21	y	1	D-	1	00:35:55	35.92	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	22	y	1	C-	1	00:36:03	36.05	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	23	y	1	B-	1	00:36:13	36.22	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	24	p	0	B@	1	00:36:38	36.63	00:00:25	0.4167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	25	y	1	Ba	1	00:36:42	36.7	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	26	p	0	Bx	1	00:36:58	36.97	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	27	p	0	Ax	1	00:37:00	37	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	28	y	1	A@	2	00:37:16	37.27	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	29	y	1	B-	1	00:37:23	37.38	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	30	y	1	A+	1	00:37:27	37.45	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	31	y	1	C-	2	00:37:40	37.67	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	32	y	1	E@	2	00:37:43	37.72	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	33	p	0	Ea	1	00:37:48	37.8	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	34	y	1	Ex	1	00:37:50	37.83	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	35	y	1	F-	3	00:37:55	37.92	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	36	y	1	C-	3	00:38:00	38	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	37	y	1	Dx	3	00:38:07	38.12	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	38	y	1	Ex	1	00:38:13	38.22	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	39	p	0	Fx	1	00:38:17	38.28	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	40	y	1	F-	3	00:38:22	38.37	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	41	y	1	F@	1	00:38:29	38.48	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	42	y	1	E@	1	00:38:38	38.63	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	43	y	1	D-	1	00:39:00	39	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	44	y	1	C-	1	00:39:03	39.05	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	45	y	1	B-	1	00:39:20	39.33	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	46	y	1	A+	1	00:39:25	39.42	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	47	y	1	A@	2	00:39:28	39.47	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	48	y	1	Ba	1	00:39:35	39.58	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	49	y	1	E@	3	00:39:46	39.77	00:00:11	0.1833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	50	y	1	E+	2	00:40:04	40.07	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	51	y	1	F-	1	00:40:11	40.18	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	52	y	1	E@	1	00:40:20	40.33	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	53	y	1	D-	1	00:40:51	40.85	00:00:31	0.5167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	54	y	1	Da	2	00:41:28	41.47	00:00:37	0.6167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	55	y	1	F+	3	01:52:38	112.63	01:11:10	71.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	56	y	1	F@	2	01:53:02	113.03	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	57	y	1	Ea	1	01:53:06	113.1	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	58	y	1	Ex	1	01:53:11	113.18	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	59	y	1	Ea	1	01:53:17	113.28	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	60	y	1	C@	2	01:53:25	113.42	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	61	y	1	B@	1	02:57:20	177.33	01:03:55	63.9167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	62	y	1	C@	1	02:57:25	177.42	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	63	y	1	Da	1	02:57:29	177.48	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	64	y	1	Dx	1	02:57:32	177.53	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	65	y	1	Cx	1	02:57:41	177.68	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	66	y	1	B@	2	02:57:55	177.92	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	67	y	1	C@	1	02:58:00	178	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	68	y	1	Da	1	02:58:05	178.08	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	69	y	1	Ex	1	02:58:09	178.15	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	65	R13_B65	con	sul-	azo-	1	70	y	1	E+	4	02:58:18	178.3	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	68	R13_B68	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	70	R13_B70	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	1	y	1	A+	NA	00:13:49	13.82	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	2	y	1	B-	1	00:13:51	13.85	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	3	p	0	B@	1	00:14:01	14.02	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	4	p	0	F+	4	00:14:17	14.28	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	5	p	0	E-	1	00:14:28	14.47	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	6	y	1	E+	1	00:14:32	14.53	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	7	y	1	D-	1	00:15:42	15.7	00:01:10	1.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	8	p	0	D@	1	00:15:50	15.83	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	9	y	1	F-	2	00:15:53	15.88	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	10	y	1	F-	0	00:16:09	16.15	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	11	p	0	C+	3	00:16:13	16.22	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	12	y	1	C-	1	00:16:19	16.32	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	13	y	1	B-	1	00:16:23	16.38	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	14	y	1	A@	1	00:16:28	16.47	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	15	y	1	Da	3	00:16:30	16.5	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	16	y	1	Ex	1	00:16:32	16.53	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	17	p	0	Fx	1	00:16:35	16.58	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	18	y	1	F-	3	00:16:47	16.78	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	19	y	1	E+	1	00:16:50	16.83	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	20	y	1	A@	4	00:16:53	16.88	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	21	y	1	A+	2	00:16:55	16.92	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	22	y	1	B-	1	00:19:45	19.75	00:02:50	2.8333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	23	y	1	Ba	2	00:20:02	20.03	00:00:17	0.2833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	24	p	0	Ca	1	00:20:09	20.15	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	25	y	1	Ba	1	00:20:11	20.18	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	26	y	1	Ax	1	00:20:20	20.33	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	27	p	0	Aa	1	00:20:31	20.52	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	28	y	1	B-	2	00:20:46	20.77	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	29	y	1	B-	0	00:20:58	20.97	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	30	y	1	A+	1	00:21:02	21.03	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	31	p	0	Bx	4	00:21:10	21.17	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	32	y	1	Ba	1	00:21:12	21.2	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	33	y	1	Cx	1	00:21:35	21.58	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	34	y	1	Dx	1	00:21:37	21.62	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	35	y	1	Ex	1	00:21:40	21.67	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	36	y	1	E@	2	00:21:53	21.88	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	37	y	1	Cx	2	00:21:55	21.92	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	38	y	1	Dx	1	00:21:57	21.95	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	39	y	1	C-	3	00:22:18	22.3	00:00:21	0.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	40	y	1	Da	2	00:22:22	22.37	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	41	y	1	Ax	3	00:22:27	22.45	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	42	y	1	A@	2	00:22:29	22.48	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	43	y	1	A+	2	00:22:32	22.53	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	44	y	1	Ba	3	00:22:43	22.72	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	45	y	1	B-	2	00:22:46	22.77	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	46	y	1	A@	1	00:22:50	22.83	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	47	y	1	Ax	2	00:22:52	22.87	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	48	y	1	Cx	2	00:23:08	23.13	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	49	p	0	Ca	1	00:23:16	23.27	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	50	p	0	Bx	1	00:23:19	23.32	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	51	y	1	Ax	1	00:23:24	23.4	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	52	y	1	Dx	3	00:23:37	23.62	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	53	y	1	F@	2	00:23:48	23.8	00:00:11	0.1833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	54	y	1	Da	2	00:24:01	24.02	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	55	y	1	B-	2	00:24:06	24.1	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	56	y	1	A+	1	00:24:17	24.28	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	57	y	1	A@	2	00:24:25	24.42	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	58	y	1	B-	1	00:24:35	24.58	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	59	y	1	A+	1	00:24:37	24.62	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	60	y	1	C-	2	00:24:39	24.65	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	61	y	1	D-	1	00:24:50	24.83	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	62	y	1	Ba	2	00:24:58	24.97	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	63	y	1	Ax	1	00:25:00	25	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	64	y	1	Cx	2	00:25:08	25.13	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	65	y	1	Dx	1	00:25:13	25.22	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	66	y	1	Ex	1	00:25:16	25.27	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	67	y	1	F@	2	00:25:22	25.37	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	68	y	1	F-	1	00:25:24	25.4	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	69	y	1	F@	1	00:25:26	25.43	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	70	y	1	A+	5	00:25:33	25.55	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	71	y	1	A@	2	00:25:36	25.6	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	72	y	1	Ax	2	00:25:42	25.7	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	73	y	1	Ba	1	00:25:44	25.73	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	74	y	1	Ax	1	00:25:51	25.85	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	75	y	1	Dx	3	00:31:42	31.7	00:05:51	5.85
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	76	y	1	B-	3	00:43:16	43.27	00:11:34	11.5667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	77	y	1	C-	1	00:43:19	43.32	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	78	y	1	B-	1	00:43:23	43.38	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	79	y	1	Ba	2	00:43:29	43.48	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	80	y	1	Dx	2	00:43:31	43.52	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	81	y	1	Da	1	00:43:38	43.63	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	82	y	1	E@	1	00:43:42	43.7	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	83	y	1	F@	1	00:43:44	43.73	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	84	y	1	F-	1	00:43:47	43.78	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	85	y	1	E+	1	00:43:51	43.85	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	86	y	1	Dx	4	00:46:42	46.7	00:02:51	2.85
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	87	y	1	Ex	1	00:46:46	46.77	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	88	y	1	E@	2	00:47:08	47.13	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	89	y	1	Dx	2	00:47:27	47.45	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	90	y	1	F+	4	01:12:33	72.55	00:25:06	25.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	91	y	1	Bx	4	01:12:35	72.58	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	92	y	1	Ba	1	01:12:46	72.77	00:00:11	0.1833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	93	y	1	B@	1	01:12:50	72.83	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	94	y	1	B-	1	01:13:03	73.05	00:00:13	0.2167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	95	y	1	B+	1	01:13:13	73.22	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	96	y	1	Bx	4	01:16:20	76.33	00:03:07	3.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	97	y	1	E+	4	01:34:39	94.65	00:18:19	18.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	98	y	1	Ea	3	01:43:32	103.53	00:08:53	8.8833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	99	y	1	F@	1	01:43:55	103.92	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	100	y	1	Ex	2	01:44:01	104.02	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	101	y	1	Ea	1	01:44:07	104.12	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	102	y	1	Da	1	02:26:09	146.15	00:42:02	42.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	103	y	1	C@	1	02:26:12	146.2	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	104	y	1	C-	1	02:26:20	146.33	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	105	y	1	D+	1	02:26:26	146.43	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	106	y	1	E+	1	02:26:33	146.55	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	107	y	1	F-	1	02:26:39	146.65	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	108	y	1	E+	1	02:26:43	146.72	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	109	y	1	C@	2	02:26:51	146.85	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	110	y	1	Cx	2	02:26:55	146.92	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	111	y	1	E+	4	02:26:58	146.97	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	112	y	1	E@	2	02:27:04	147.07	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	113	y	1	B+	3	02:27:10	147.17	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	71	R13_B71	sul	sul+	azo-	1	114	y	1	Fa	4	03:04:00	184	00:36:50	36.8333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	1	y	1	D-	NA	01:34:17	94.28	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	2	y	1	E+	1	01:35:48	95.8	00:01:31	1.5167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	3	y	1	F+	1	01:35:52	95.87	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	4	y	1	E+	1	01:36:15	96.25	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	5	y	1	D-	1	01:36:48	96.8	00:00:33	0.55
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	6	y	1	B@	2	01:37:11	97.18	00:00:23	0.3833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	7	y	1	Ba	1	01:37:16	97.27	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	8	y	1	A-	2	01:37:48	97.8	00:00:32	0.5333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	9	y	1	F+	5	01:41:53	101.88	00:04:05	4.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	10	y	1	E-	1	01:42:03	102.05	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	11	y	1	Ea	2	01:43:46	103.77	00:01:43	1.7167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	12	y	1	Fa	1	02:26:24	146.4	00:42:38	42.6333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	13	y	1	E@	1	02:26:46	146.77	00:00:22	0.3667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	14	y	1	Aa	4	02:27:32	147.53	00:00:46	0.7667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	15	y	1	Cx	2	02:32:29	152.48	00:04:57	4.95

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	16	y	1	Fa	3	02:32:33	152.55	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	17	y	1	Fa	0	02:33:34	153.57	00:01:01	1.0167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	18	y	1	D+	3	02:34:19	154.32	00:00:45	0.75
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	19	y	1	E+	1	02:34:29	154.48	00:00:10	0.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	20	y	1	F-	1	02:35:10	155.17	00:00:41	0.6833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	80	R13_B80	sul	sul+	azo-	1	21	y	1	Fa	2	02:39:07	159.12	00:03:57	3.95
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	1	y	1	E+	NA	00:19:39	19.65	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	2	y	1	E@	2	00:20:48	20.8	00:01:09	1.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	3	y	1	A+	4	00:21:15	21.25	00:00:27	0.45
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	4	y	1	E+	4	00:21:42	21.7	00:00:27	0.45
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	5	y	1	F-	1	00:21:45	21.75	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	6	y	1	C-	3	00:21:47	21.78	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	7	y	1	B-	1	00:21:49	21.82	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	8	y	1	A+	1	00:21:51	21.85	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	9	y	1	Ex	4	02:16:44	136.73	01:54:53	114.8833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	10	y	1	Dx	1	02:17:42	137.7	00:00:58	0.9667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	11	y	1	Dx	0	02:18:39	138.65	00:00:57	0.95
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	12	y	1	Da	1	02:19:37	139.62	00:00:58	0.9667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	13	y	1	C@	1	02:19:45	139.75	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	14	y	1	D+	2	02:20:12	140.2	00:00:27	0.45
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	86	R13_B86	sul	sul+	azo-	0	15	y	1	Ex	4	02:27:15	147.25	00:07:03	7.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	1	y	1	C-	NA	00:07:03	7.05	NA	NA
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	2	y	1	B-	1	00:08:21	8.35	00:01:18	1.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	3	y	1	A+	1	00:08:37	8.62	00:00:16	0.2667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	4	y	1	Ax	4	00:08:43	8.72	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	5	y	1	D-	3	00:09:01	9.02	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	6	y	1	C-	1	00:09:44	9.73	00:00:43	0.7167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	7	y	1	F@	3	00:09:56	9.93	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	8	p	0	Fx	2	00:10:01	10.02	00:00:05	0.0833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	9	p	0	Ea	1	00:10:05	10.08	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	10	y	1	F@	1	00:10:08	10.13	00:00:03	0.05
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	11	y	1	A@	5	00:10:51	10.85	00:00:43	0.7167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	12	y	1	A@	0	00:11:00	11	00:00:09	0.15
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	13	y	1	D-	3	00:13:58	13.97	00:02:58	2.9667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	14	y	1	C-	1	00:14:13	14.22	00:00:15	0.25
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	15	y	1	B-	1	00:14:37	14.62	00:00:24	0.4
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	16	y	1	A@	1	00:14:44	14.73	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	17	y	1	Cx	2	00:14:56	14.93	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	18	y	1	Dx	1	00:15:10	15.17	00:00:14	0.2333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	19	y	1	Da	1	00:15:22	15.37	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	20	y	1	E@	1	00:15:24	15.4	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	21	y	1	E@	0	00:15:57	15.95	00:00:33	0.55
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	22	y	1	D-	1	00:15:59	15.98	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	23	y	1	E@	1	00:16:11	16.18	00:00:12	0.2
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	24	y	1	Cx	2	00:16:58	16.97	00:00:47	0.7833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	25	y	1	Dx	1	00:17:02	17.03	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	26	y	1	Ex	1	00:17:04	17.07	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	27	y	1	A@	4	00:17:12	17.2	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	28	y	1	F@	5	00:17:18	17.3	00:00:06	0.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	29	y	1	E@	1	00:17:26	17.43	00:00:08	0.1333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	30	y	1	F@	1	00:17:45	17.75	00:00:19	0.3167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	31	y	1	F-	1	00:17:49	17.82	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	32	y	1	Ex	3	00:23:40	23.67	00:05:51	5.85
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	33	y	1	Cx	2	00:23:58	23.97	00:00:18	0.3
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	34	y	1	Da	1	00:24:30	24.5	00:00:32	0.5333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	35	y	1	B+	3	01:04:51	64.85	00:40:21	40.35
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	36	y	1	B-	1	01:05:11	65.18	00:00:20	0.3333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	37	p	0	Ca	2	01:20:17	80.28	00:15:06	15.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	38	y	1	Ex	2	01:23:47	83.78	00:03:30	3.5
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	39	y	1	Ea	1	01:23:49	83.82	00:00:02	0.0333
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	40	y	1	B-	3	01:41:55	101.92	00:18:06	18.1
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	41	y	1	B@	1	01:42:23	102.38	00:00:28	0.4667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	42	y	1	E@	3	02:22:33	142.55	00:40:10	40.1667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	43	y	1	Da	1	02:22:40	142.67	00:00:07	0.1167
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	44	y	1	Da	0	02:22:44	142.73	00:00:04	0.0667
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	45	y	1	Da	0	02:51:19	171.32	00:28:35	28.5833
26.05.2021	R13	yellow	2	46	13:25	16:30	03:05	0	150	35	0	9	R13_B9	azo	sul-	azo+	1	46	y	1	E@	1	02:51:37	171.62	00:00:18	0.3
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	18	R14_B18	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	20	R14_B20	sul	sul+	azo-	1	1	p	1	E@	NA	00:44:39	44.65	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	20	R14_B20	sul	sul+	azo-	1	2	y	0	Dx	2	01:11:41	71.68	00:27:02	27.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	20	R14_B20	sul	sul+	azo-	1	3	y	0	B-	3	02:42:49	162.82	01:31:08	91.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	20	R14_B20	sul	sul+	azo-	1	4	y	0	Ba	2	02:45:30	165.5	00:02:41	2.6833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	20	R14_B20	sul	sul+	azo-	1	5	y	0	Ax	1	02:53:05	173.08	00:07:35	7.5833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	27	R14_B27	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	1	p	1	Fx	NA	02:01:48	121.8	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	2	p	1	Fx	0	02:05:12	125.2	00:03:24	3.4

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	3	y	0	F@	2	02:05:34	125.57	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	4	p	1	F-	1	02:06:17	126.28	00:00:43	0.7167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	5	y	0	F+	1	02:07:28	127.47	00:01:11	1.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	6	y	0	E+	1	02:07:39	127.65	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	7	p	1	E-	1	02:08:21	128.35	00:00:42	0.7
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	8	p	1	E-	0	02:11:01	131.02	00:02:40	2.6667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	9	p	1	D+	1	02:17:43	137.72	00:06:42	6.7
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	10	y	0	E+	1	02:20:28	140.47	00:02:45	2.75
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	11	p	1	D+	1	02:20:32	140.53	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	12	y	0	C+	1	02:20:54	140.9	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	13	y	0	B-	1	02:21:01	141.02	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	14	p	1	A+	1	02:21:11	141.18	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	16	y	0	A@	2	02:22:23	142.38	00:01:12	1.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	17	p	1	Aa	1	02:22:29	142.48	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	18	p	1	B+	3	02:23:34	143.57	00:01:05	1.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	19	p	1	E@	3	02:24:04	144.07	00:00:30	0.5
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	20	p	1	F-	1	02:24:12	144.2	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	21	p	1	F-	0	02:24:40	144.67	00:00:28	0.4667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	22	p	1	B+	4	02:24:49	144.82	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	23	p	1	Aa	3	02:25:04	145.07	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	24	p	1	F-	5	02:25:12	145.2	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	25	p	1	E-	1	02:25:26	145.43	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	26	p	1	A-	4	02:25:46	145.77	00:00:20	0.3333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	27	p	1	B@	1	02:25:55	145.92	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	28	p	1	C@	1	02:26:26	146.43	00:00:31	0.5167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	29	p	1	D-	1	02:26:37	146.62	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	30	p	1	D+	1	02:27:04	147.07	00:00:27	0.45
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	31	y	0	F+	2	02:27:11	147.18	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	32	p	1	F-	1	02:27:14	147.23	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	33	y	0	Fa	2	02:27:25	147.42	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	34	p	1	A+	5	02:27:36	147.6	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	35	p	1	B+	1	02:27:42	147.7	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	36	p	1	C@	2	02:28:02	148.03	00:00:20	0.3333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	15	p	1	A-	2	02:21:57	141.95	00:06:05	6.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	37	p	1	Cx	3	02:28:37	148.62	00:06:40	6.6667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	38	p	1	D-	3	02:30:21	150.35	00:01:44	1.7333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	39	p	1	D-	0	02:30:49	150.82	00:00:28	0.4667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	40	p	1	B+	2	02:31:03	151.05	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	41	p	1	A-	1	02:31:06	151.1	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	42	p	1	Bx	3	02:31:08	151.13	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	43	p	1	Cx	1	02:31:35	151.58	00:00:27	0.45
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	44	p	1	B@	2	02:32:06	152.1	00:00:31	0.5167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	45	p	1	Aa	1	02:32:17	152.28	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	46	p	1	Bx	1	02:32:31	152.52	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	47	p	1	E@	3	02:32:48	152.8	00:00:17	0.2833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	48	y	0	F+	2	03:17:46	197.77	00:44:58	44.9667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	49	p	1	E-	1	03:18:14	198.23	00:00:28	0.4667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	50	p	1	D-	1	03:18:20	198.33	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	51	p	1	C@	1	03:18:27	198.45	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	52	p	1	B@	1	03:18:33	198.55	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	53	p	1	Aa	1	03:18:39	198.65	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	54	y	0	Ax	1	03:18:43	198.72	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	55	y	0	Dx	3	03:18:50	198.83	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	56	p	1	Da	1	03:18:53	198.88	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	57	p	1	D-	2	03:18:59	198.98	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	58	p	1	Bx	3	03:19:04	199.07	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	59	p	1	Da	2	03:19:16	199.27	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	60	y	0	Ex	1	03:19:31	199.52	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	61	p	1	Fx	1	03:19:38	199.63	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	62	p	1	Bx	4	03:19:47	199.78	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	63	p	1	A-	3	03:19:54	199.9	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	64	y	0	B-	1	03:20:02	200.03	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	65	p	1	D+	2	03:20:12	200.2	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	66	p	1	A+	3	03:20:23	200.38	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	67	p	1	A-	1	03:20:30	200.5	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	68	p	1	E-	4	03:20:43	200.72	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	29	R14_B29	con	sul-	azo-	1	69	y	0	D@	1	03:20:46	200.77	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	15	p	1	D-	1	03:03:03	183.05	00:17:43	17.7167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	1	y	0	B-	NA	02:48:40	168.67	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	2	y	0	C-	1	02:48:54	168.9	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	3	y	0	B-	1	02:49:01	169.02	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	4	p	1	A+	1	02:49:04	169.07	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	5	y	0	B-	1	02:49:41	169.68	00:00:37	0.6167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	6	y	0	C-	1	02:49:46	169.77	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	7	p	1	D+	1	02:49:50	169.83	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	8	y	0	C-	1	02:51:55	171.92	00:02:05	2.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	9	y	0	C+	1	02:51:58	171.97	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	10	p	1	D+	1	02:52:06	172.1	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	11	y	0	F@	2	03:02:47	182.78	00:10:41	10.6833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	12	p	1	F-	1	03:02:52	182.87	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	13	y	0	F+	1	03:02:55	182.92	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	14	p	1	E-	1	03:02:59	182.98	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	16	p	1	B+	3	03:03:11	183.18	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	17	p	1	A+	1	03:03:26	183.43	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	30	R14_B30	con	sul-	azo-	1	18	p	1	A+	0	03:03:33	183.55	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	1	p	1	B@	NA	00:05:40	5.67	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	2	p	1	B@	0	00:09:14	9.23	00:03:34	3.5667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	3	p	1	B@	0	00:09:36	9.6	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	4	p	1	D+	2	00:22:41	22.68	00:13:05	13.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	5	p	1	B+	2	00:29:37	29.62	00:06:56	6.9333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	6	p	1	Aa	3	00:38:39	38.65	00:09:02	9.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	7	p	1	Aa	0	01:20:33	80.55	00:41:54	41.9
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	8	y	0	Ax	1	01:21:27	81.45	00:00:54	0.9
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	9	p	1	Bx	1	01:22:03	82.05	00:00:36	0.6
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	10	p	1	B@	2	01:26:12	86.2	00:04:09	4.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	11	p	1	Aa	1	01:31:00	91	00:04:48	4.8
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	12	y	0	A@	1	01:32:30	92.5	00:01:30	1.5
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	13	p	1	A-	1	01:39:00	99	00:06:30	6.5
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	14	p	1	A+	1	01:40:21	100.35	00:01:21	1.35
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	16	p	1	B@	2	01:44:36	104.6	00:04:15	4.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	17	y	0	A@	1	01:59:51	119.85	00:15:15	15.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	15	p	1	C@	2	01:44:00	104	00:15:51	15.85
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	18	y	0	F+	3	03:09:41	189.68	01:25:41	85.6833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	19	p	1	E-	1	03:10:00	190	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	20	p	1	D-	1	03:10:42	190.7	00:00:42	0.7
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	31	R14_B31	con	sul-	azo-	1	21	p	1	E-	1	03:11:30	191.5	00:00:48	0.8
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	33	R14_B33	con	sul-	azo-	1	1	y	0	F@	NA	00:29:05	29.08	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	33	R14_B33	con	sul-	azo-	1	2	y	0	Fa	1	00:29:10	29.17	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	33	R14_B33	con	sul-	azo-	1	3	y	0	Ex	1	00:29:12	29.2	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	1	p	1	Aa	NA	02:25:39	145.65	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	2	p	1	A-	2	02:29:38	149.63	00:03:59	3.9833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	3	p	1	A+	1	02:30:45	150.75	00:01:07	1.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	4	p	1	B+	1	02:31:20	151.33	00:00:35	0.5833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	5	p	1	D-	2	02:31:48	151.8	00:00:28	0.4667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	6	y	0	C+	1	02:32:12	152.2	00:00:24	0.4
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	7	p	1	D+	1	02:32:26	152.43	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	8	y	0	Ea	3	02:32:40	152.67	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	9	p	1	Aa	4	02:34:54	154.9	00:02:14	2.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	10	y	0	A@	1	02:35:06	155.1	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	11	p	1	E-	4	02:35:16	155.27	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	12	p	1	F-	1	02:35:40	155.67	00:00:24	0.4
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	13	p	1	E@	1	02:35:56	155.93	00:00:16	0.2667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	15	p	1	Da	1	02:36:34	156.57	00:00:38	0.6333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	14	p	1	E@	1	02:36:13	156.22	00:00:21	0.35
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	16	p	1	Da	1	02:36:47	156.78	00:00:34	0.5667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	17	p	1	A-	3	02:37:14	157.23	00:00:27	0.45
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	18	p	1	A+	1	02:37:29	157.48	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	19	p	1	D-	3	02:37:48	157.8	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	20	p	1	Fx	3	02:38:16	158.27	00:00:28	0.4667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	21	p	1	Aa	5	02:38:33	158.55	00:00:17	0.2833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	22	p	1	Bx	1	02:38:48	158.8	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	23	p	1	Cx	1	02:39:30	159.5	00:00:42	0.7
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	24	p	1	Dx	1	02:40:21	160.35	00:00:51	0.85
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	25	p	1	A+	4	02:40:40	160.67	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	26	p	1	A-	1	02:40:48	160.8	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	27	p	1	Da	3	02:41:45	161.75	00:00:57	0.95
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	28	p	1	Cx	1	02:42:43	162.72	00:00:58	0.9667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	29	p	1	Aa	2	02:44:04	164.07	00:01:21	1.35
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	30	p	1	Aa	0	02:44:30	164.5	00:00:26	0.4333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	31	y	0	A@	1	02:44:35	164.58	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	32	p	1	A-	1	02:44:46	164.77	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	33	p	1	Cx	3	02:50:57	170.95	00:06:11	6.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	34	p	1	Fx	3	02:51:49	171.82	00:00:52	0.8667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	35	p	1	Da	2	02:53:34	173.57	00:01:45	1.75
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	36	p	1	Fx	2	02:54:37	174.62	00:01:03	1.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	37	p	1	A-	5	03:21:56	201.93	00:27:19	27.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	37	R14_B37	con	sul-	azo-	1	38	p	1	Cx	3	03:22:19	202.32	00:00:23	0.3833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	39	R14_B39	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	15	y	0	Ex	3	02:38:09	158.15	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	1	y	0	C-	NA	02:23:28	143.47	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	2	y	0	B-	1	02:24:08	144.13	00:00:40	0.6667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	3	y	0	C+	1	02:24:30	144.5	00:00:22	0.3667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	4	y	0	C-	1	02:24:42	144.7	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	5	y	0	Ba	2	02:24:54	144.9	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	6	y	0	Ca	1	02:24:56	144.93	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	7	y	0	F+	3	02:25:06	145.1	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	8	y	0	Ba	4	02:25:49	145.82	00:00:43	0.7167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	9	y	0	C+	3	02:35:20	155.33	00:09:31	9.5167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	10	y	0	B-	1	02:35:54	155.9	00:00:34	0.5667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	11	p	1	A-	1	02:36:05	156.08	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	12	y	0	A@	1	02:36:07	156.12	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	13	y	0	F+	5	02:37:58	157.97	00:01:51	1.85
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	45	R14_B45	azo	sul-	azo+	1	14	p	1	D-	2	02:38:06	158.1	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	46	R14_B46	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	47	R14_B47	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	15	p	1	F-	0	02:22:25	142.42	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	1	p	1	F-	NA	02:16:13	136.22	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	2	p	1	Da	2	02:18:39	138.65	00:02:26	2.4333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	3	p	1	F-	2	02:19:41	139.68	00:01:02	1.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	4	p	1	E-	1	02:20:10	140.17	00:00:29	0.4833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	5	p	1	D-	1	02:20:21	140.35	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	6	p	1	D-	0	02:20:37	140.62	00:00:16	0.2667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	7	p	1	D+	1	02:20:57	140.95	00:00:20	0.3333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	8	p	1	E-	1	02:21:03	141.05	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	9	p	1	E@	1	02:21:05	141.08	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	10	p	1	E@	0	02:21:46	141.77	00:00:41	0.6833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	11	p	1	F-	1	02:21:53	141.88	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	12	p	1	E-	1	02:21:59	141.98	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	13	p	1	D-	1	02:22:09	142.15	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	14	p	1	F-	2	02:22:12	142.2	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	16	p	1	F-	0	02:22:46	142.77	00:00:34	0.5667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	17	p	1	E-	1	02:22:54	142.9	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	18	p	1	C@	2	02:23:05	143.08	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	19	p	1	Bx	2	02:23:16	143.27	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	20	p	1	Cx	1	02:23:31	143.52	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	21	p	1	Da	1	02:23:36	143.6	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	22	p	1	B@	2	02:23:49	143.82	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	23	p	1	Aa	1	02:23:53	143.88	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	24	p	1	Bx	1	02:24:00	144	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	25	p	1	Cx	1	02:24:02	144.03	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	26	p	1	Bx	1	02:24:10	144.17	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	27	p	1	A-	3	02:24:15	144.25	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	28	p	1	B+	1	02:24:22	144.37	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	29	p	1	D+	2	02:24:36	144.6	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	30	p	1	A-	3	02:25:20	145.33	00:00:44	0.7333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	31	p	1	B+	1	02:25:22	145.37	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	32	p	1	A+	1	02:25:24	145.4	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	33	p	1	D+	3	02:25:32	145.53	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	34	p	1	D+	0	02:26:08	146.13	00:00:36	0.6
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	35	p	1	Fx	4	02:26:20	146.33	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	36	p	1	F-	3	02:26:31	146.52	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	37	y	0	F+	1	02:26:45	146.75	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	38	y	0	E+	1	02:26:50	146.83	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	39	p	1	D+	1	02:26:54	146.9	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	40	p	1	E-	1	02:26:59	146.98	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	41	p	1	F-	1	02:27:07	147.12	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	42	p	1	D+	2	02:27:17	147.28	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	43	p	1	D-	1	02:27:19	147.32	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	44	p	1	E-	1	02:27:34	147.57	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	45	p	1	E@	1	02:28:09	148.15	00:00:35	0.5833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	57	R14_B57	azo	sul-	azo+	1	46	p	1	Cx	2	02:38:59	158.98	00:10:50	10.8333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	62	R14_B62	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	1	p	1	E-	NA	02:52:54	172.9	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	2	y	0	Ea	2	02:53:22	173.37	00:00:28	0.4667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	3	p	1	Fx	1	02:53:24	173.4	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	4	y	0	Ex	1	02:53:46	173.77	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	5	p	1	Aa	4	02:54:39	174.65	00:00:53	0.8833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	6	p	1	A-	2	02:59:16	179.27	00:04:37	4.6167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	7	p	1	B+	1	02:59:32	179.53	00:00:16	0.2667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	8	p	1	C@	2	03:01:17	181.28	00:01:45	1.75
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	9	p	1	C@	0	03:01:51	181.85	00:00:34	0.5667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	10	p	1	B@	1	03:02:34	182.57	00:00:43	0.7167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	11	p	1	A-	1	03:02:41	182.68	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	12	p	1	A+	1	03:02:49	182.82	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	13	p	1	D+	3	03:02:54	182.9	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	14	p	1	B@	2	03:03:02	183.03	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	15	p	1	Cx	2	03:03:16	183.27	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	16	p	1	Bx	1	03:03:25	183.42	00:00:09	0.15

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	17	p	1	Aa	1	03:03:36	183.6	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	18	p	1	A-	2	03:03:40	183.67	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	19	p	1	B+	1	03:03:55	183.92	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	20	p	1	D+	2	03:04:05	184.08	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	21	y	0	E+	1	03:04:12	184.2	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	22	p	1	F-	1	03:04:18	184.3	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	23	p	1	Cx	3	03:04:26	184.43	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	24	p	1	Fx	3	03:04:41	184.68	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	25	p	1	Fx	0	03:05:04	185.07	00:00:23	0.3833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	26	p	1	Fx	0	03:05:13	185.22	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	27	p	1	F-	3	03:05:17	185.28	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	28	p	1	D-	2	03:05:27	185.45	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	29	p	1	E-	1	03:05:39	185.65	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	30	p	1	F-	1	03:05:50	185.83	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	31	y	0	E+	1	03:05:56	185.93	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	32	p	1	D+	1	03:05:59	185.98	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	33	p	1	B+	2	03:06:01	186.02	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	34	p	1	A+	1	03:06:04	186.07	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	35	p	1	A-	1	03:06:17	186.28	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	36	p	1	Bx	3	03:06:23	186.38	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	37	p	1	Aa	1	03:06:31	186.52	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	38	p	1	A-	2	03:06:37	186.62	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	39	p	1	A+	1	03:06:51	186.85	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	40	p	1	B+	1	03:06:53	186.88	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	41	p	1	A+	1	03:06:56	186.93	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	42	p	1	Aa	3	03:07:02	187.03	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	43	p	1	A-	2	03:07:07	187.12	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	44	p	1	B+	1	03:07:13	187.22	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	45	p	1	D+	2	03:07:16	187.27	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	46	p	1	F-	2	03:07:21	187.35	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	47	p	1	A-	5	03:07:27	187.45	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	48	p	1	B+	1	03:07:31	187.52	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	49	p	1	D+	2	03:07:34	187.57	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	50	p	1	A+	3	03:07:45	187.75	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	51	p	1	A-	1	03:07:49	187.82	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	52	p	1	D+	3	03:07:53	187.88	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	53	p	1	F-	2	03:07:58	187.97	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	54	p	1	D+	2	03:08:06	188.1	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	55	p	1	Da	3	03:08:10	188.17	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	56	p	1	Fx	2	03:08:16	188.27	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	57	p	1	Da	2	03:08:25	188.42	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	58	p	1	Cx	1	03:08:28	188.47	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	59	p	1	Bx	1	03:08:30	188.5	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	60	p	1	Aa	1	03:08:48	188.8	00:00:18	0.3
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	61	p	1	B@	1	03:08:51	188.85	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	62	p	1	B@	0	03:09:15	189.25	00:00:24	0.4
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	63	p	1	C@	1	03:09:27	189.45	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	64	p	1	Bx	2	03:09:44	189.73	00:00:17	0.2833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	65	p	1	Cx	1	03:09:47	189.78	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	66	p	1	Da	1	03:09:53	189.88	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	67	p	1	Fx	2	03:09:55	189.92	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	68	p	1	A-	5	03:10:02	190.03	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	69	p	1	A+	1	03:10:04	190.07	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	70	p	1	B+	1	03:10:06	190.1	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	71	p	1	C@	2	03:10:19	190.32	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	72	p	1	Cx	2	03:10:27	190.45	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	73	p	1	Bx	1	03:10:29	190.48	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	74	p	1	A-	3	03:10:36	190.6	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	75	p	1	B+	1	03:10:40	190.67	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	76	p	1	Fx	4	03:10:50	190.83	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	77	p	1	E@	2	03:11:20	191.33	00:00:30	0.5
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	78	p	1	E-	1	03:11:23	191.38	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	79	p	1	Aa	4	03:11:26	191.43	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	80	p	1	Bx	1	03:11:45	191.75	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	81	p	1	B+	4	03:11:57	191.95	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	82	p	1	Da	3	03:12:12	192.2	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	83	p	1	Cx	1	03:12:14	192.23	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	84	p	1	C@	2	03:12:16	192.27	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	85	p	1	D+	2	03:12:20	192.33	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	86	p	1	E-	1	03:12:22	192.37	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	87	p	1	E@	1	03:12:51	192.85	00:00:29	0.4833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	88	p	1	E-	1	03:12:54	192.9	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	89	p	1	Aa	4	03:12:58	192.97	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	90	p	1	A+	3	03:13:02	193.03	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	91	p	1	Aa	3	03:15:00	195	00:01:58	1.9667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	92	p	1	A-	2	03:15:03	195.05	00:00:03	0.05

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	93	p	1	A+	1	03:15:05	195.08	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	94	p	1	B+	1	03:15:07	195.12	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	95	p	1	Bx	4	03:15:09	195.15	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	96	p	1	Aa	1	03:15:12	195.2	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	97	p	1	E-	4	03:15:14	195.23	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	98	p	1	A-	4	03:15:18	195.3	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	99	p	1	A+	1	03:15:36	195.6	00:00:18	0.3
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	100	p	1	Aa	3	03:15:40	195.67	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	101	p	1	Bx	1	03:15:43	195.72	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	102	p	1	C@	2	03:15:49	195.82	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	103	p	1	E-	2	03:15:53	195.88	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	104	p	1	B@	3	03:16:04	196.07	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	105	p	1	A-	1	03:16:06	196.1	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	106	p	1	A-	0	03:16:47	196.78	00:00:41	0.6833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	107	p	1	F-	5	03:18:23	198.38	00:01:36	1.6
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	108	p	1	E@	1	03:19:28	199.47	00:01:05	1.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	109	p	1	C@	2	03:20:04	200.07	00:00:36	0.6
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	110	p	1	Ex	2	03:20:06	200.1	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	111	p	1	Aa	4	03:20:09	200.15	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	112	p	1	A-	2	03:20:14	200.23	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	113	p	1	A+	1	03:20:17	200.28	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	114	p	1	D+	3	03:20:25	200.42	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	115	p	1	E-	1	03:20:27	200.45	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	116	p	1	A+	4	03:20:37	200.62	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	72	R14_B72	mix	sul+	azo+	1	117	p	1	Fx	5	03:20:55	200.92	00:00:18	0.3
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	1	y	0	Dx	NA	02:32:30	152.5	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	2	p	1	Aa	3	02:33:10	153.17	00:00:40	0.6667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	3	p	1	Bx	1	02:33:47	153.78	00:00:37	0.6167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	4	p	1	A-	3	02:34:14	154.23	00:00:27	0.45
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	5	p	1	A-	0	02:34:45	154.75	00:00:31	0.5167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	6	p	1	Fx	5	02:49:27	169.45	00:14:42	14.7
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	7	y	0	Ex	1	02:50:28	170.47	00:01:01	1.0167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	8	y	0	Dx	1	02:50:51	170.85	00:00:23	0.3833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	9	y	0	Ea	1	02:51:26	171.43	00:00:35	0.5833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	10	y	0	Fa	1	02:51:41	171.68	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	11	y	0	F@	1	02:52:00	172	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	12	p	1	F-	1	02:52:20	172.33	00:00:20	0.3333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	13	y	0	F+	1	02:53:18	173.3	00:00:58	0.9667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	14	y	0	E+	1	02:53:27	173.45	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	16	p	1	C@	2	02:54:23	174.38	00:00:56	0.9333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	17	y	0	C-	1	02:54:28	174.47	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	18	y	0	C+	1	02:54:33	174.55	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	19	p	1	B+	1	02:54:43	174.72	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	20	y	0	B-	1	02:54:55	174.92	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	21	p	1	A-	1	02:55:04	175.07	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	22	p	1	B@	1	02:55:15	175.25	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	23	y	0	Ba	1	02:55:26	175.43	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	24	y	0	Ca	1	02:55:32	175.53	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	25	p	1	C@	1	02:55:44	175.73	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	26	y	0	D@	1	02:55:53	175.88	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	27	p	1	Da	1	02:55:57	175.95	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	28	y	0	Dx	1	02:56:01	176.02	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	29	y	0	Ex	1	02:56:06	176.1	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	30	p	1	Bx	3	02:56:12	176.2	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	31	p	1	B@	2	02:56:25	176.42	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	32	y	0	B-	1	02:56:38	176.63	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	33	p	1	A+	1	02:56:42	176.7	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	34	p	1	B+	1	02:56:57	176.95	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	35	y	0	C+	1	02:57:05	177.08	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	36	p	1	D+	1	02:57:09	177.15	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	37	y	0	E+	1	02:57:20	177.33	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	38	p	1	D+	1	02:57:28	177.47	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	39	p	1	B+	2	02:57:33	177.55	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	40	p	1	A+	1	02:57:38	177.63	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	41	p	1	A-	1	02:57:40	177.67	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	42	p	1	B@	1	02:58:01	178.02	00:00:21	0.35
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	43	y	0	Ba	1	02:58:07	178.12	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	44	p	1	Da	2	02:58:16	178.27	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	45	p	1	Da	0	02:58:25	178.42	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	46	p	1	D-	2	02:58:29	178.48	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	47	p	1	B+	2	02:58:38	178.63	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	48	p	1	A+	1	02:58:43	178.72	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	49	p	1	Da	3	02:58:48	178.8	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	50	p	1	Fx	2	02:58:54	178.9	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	51	y	0	F@	2	02:59:00	179	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	52	p	1	F-	1	02:59:03	179.05	00:00:03	0.05

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	53	p	1	E@	1	02:59:26	179.43	00:00:23	0.3833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	54	p	1	Da	1	02:59:33	179.55	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	55	p	1	Cx	1	02:59:40	179.67	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	56	p	1	Aa	2	02:59:52	179.87	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	57	p	1	B@	1	02:59:59	179.98	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	58	p	1	Cx	2	03:00:03	180.05	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	59	p	1	D-	3	03:00:17	180.28	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	60	p	1	A+	3	03:00:26	180.43	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	61	p	1	A-	1	03:00:31	180.52	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	62	p	1	Aa	2	03:00:34	180.57	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	63	p	1	Bx	1	03:00:41	180.68	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	64	p	1	Cx	1	03:00:49	180.82	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	65	p	1	A-	3	03:00:54	180.9	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	66	p	1	A+	1	03:00:56	180.93	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	67	p	1	E-	4	03:01:08	181.13	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	68	p	1	F-	1	03:01:30	181.5	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	15	p	1	D-	2	02:53:38	173.63	00:07:52	7.8667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	75	R14_B75	mix	sul+	azo+	1	69	p	1	Aa	3	03:06:09	186.15	00:12:31	12.5167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	78	R14_B78	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	82	R14_B82	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	1	p	1	A-	NA	02:32:38	152.63	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	2	y	0	C-	2	02:32:57	152.95	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	3	p	1	D-	1	02:33:05	153.08	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	4	p	1	F-	2	02:33:15	153.25	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	5	y	0	Ea	2	02:33:54	153.9	00:00:39	0.65
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	6	p	1	Bx	3	02:34:05	154.08	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	7	p	1	Aa	1	02:34:09	154.15	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	8	y	0	Ex	4	02:34:16	154.27	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	9	y	0	F@	2	02:34:23	154.38	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	10	p	1	E@	1	02:34:26	154.43	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	11	p	1	C@	2	02:35:26	155.43	00:01:00	1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	12	p	1	B@	1	02:35:28	155.47	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	13	p	1	D-	2	02:35:37	155.62	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	14	p	1	E-	1	02:35:49	155.82	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	16	p	1	D+	1	02:36:10	156.17	00:00:21	0.35
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	17	p	1	A-	3	02:36:29	156.48	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	18	p	1	D+	3	02:36:30	156.5	00:00:01	0.0167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	19	p	1	F-	2	02:36:40	156.67	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	20	p	1	B+	4	02:36:48	156.8	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	21	p	1	A-	1	02:36:58	156.97	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	22	p	1	E-	4	02:37:09	157.15	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	23	p	1	F-	1	02:37:13	157.22	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	24	p	1	D-	2	02:37:24	157.4	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	25	p	1	E@	1	02:37:26	157.43	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	26	p	1	Da	1	02:37:37	157.62	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	27	p	1	F-	2	02:37:54	157.9	00:00:17	0.2833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	28	p	1	Fx	3	02:38:31	158.52	00:00:37	0.6167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	29	p	1	F-	3	02:38:36	158.6	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	30	p	1	E-	1	02:38:42	158.7	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	31	p	1	D-	1	02:38:57	158.95	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	32	p	1	D-	0	02:39:08	159.13	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	33	p	1	A-	3	02:39:32	159.53	00:00:24	0.4
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	34	p	1	F-	5	02:39:39	159.65	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	35	y	0	F+	1	02:39:50	159.83	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	36	p	1	D+	2	02:39:52	159.87	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	37	p	1	D-	1	02:40:05	160.08	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	38	p	1	D+	1	02:40:10	160.17	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	39	p	1	E-	1	02:40:24	160.4	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	40	p	1	F-	1	02:40:27	160.45	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	41	p	1	E@	1	02:40:38	160.63	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	42	p	1	F-	1	02:40:45	160.75	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	43	p	1	E-	1	02:41:13	161.22	00:00:28	0.4667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	44	p	1	C@	2	02:41:32	161.53	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	45	p	1	E@	2	02:41:48	161.8	00:00:16	0.2667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	46	p	1	E-	1	02:42:01	162.02	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	90	R14_B90	mix	sul+	azo+	1	15	p	1	B@	3	02:35:59	155.98	00:06:02	6.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	1	p	1	D-	NA	02:11:24	131.4	NA	NA
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	2	p	1	B+	2	02:11:46	131.77	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	3	p	1	C@	2	02:19:49	139.82	00:08:03	8.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	4	p	1	B+	2	02:21:14	141.23	00:01:25	1.4167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	5	p	1	D-	2	02:22:19	142.32	00:01:05	1.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	6	p	1	E@	1	02:23:08	143.13	00:00:49	0.8167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	7	p	1	F-	1	02:23:21	143.35	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	8	y	0	E+	1	02:23:57	143.95	00:00:36	0.6
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	9	p	1	D+	1	02:24:06	144.1	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	10	p	1	F-	2	02:24:47	144.78	00:00:41	0.6833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	11	p	1	Fx	3	02:24:59	144.98	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	12	y	0	Dx	2	02:25:35	145.58	00:00:36	0.6
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	13	p	1	Fx	2	02:25:41	145.68	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	14	p	1	E@	2	02:26:03	146.05	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	16	p	1	Da	1	02:28:18	148.3	00:02:15	2.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	17	p	1	D-	2	02:28:40	148.67	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	18	p	1	C@	1	02:28:52	148.87	00:00:12	0.2
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	19	p	1	B@	1	02:28:56	148.93	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	20	p	1	A-	1	02:29:06	149.1	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	21	p	1	B@	1	02:29:26	149.43	00:00:20	0.3333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	22	p	1	A+	2	02:29:35	149.58	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	23	p	1	B+	1	02:29:43	149.72	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	24	p	1	A+	1	02:29:47	149.78	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	25	p	1	B+	1	02:30:13	150.22	00:00:26	0.4333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	26	p	1	D+	2	02:30:18	150.3	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	27	y	0	F+	2	02:30:24	150.4	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	28	p	1	F-	1	02:30:27	150.45	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	29	p	1	E-	1	02:30:38	150.63	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	30	p	1	D-	1	02:31:00	151	00:00:22	0.3667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	31	p	1	D+	1	02:31:05	151.08	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	32	p	1	D+	0	02:31:54	151.9	00:00:49	0.8167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	33	p	1	B+	2	02:31:57	151.95	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	34	p	1	B@	2	02:32:21	152.35	00:00:24	0.4
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	35	p	1	D-	2	02:32:45	152.75	00:00:24	0.4
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	36	p	1	E-	1	02:32:55	152.92	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	37	p	1	F-	1	02:33:01	153.02	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	38	p	1	Da	2	02:33:08	153.13	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	39	p	1	Bx	2	02:33:22	153.37	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	40	p	1	Aa	1	02:33:30	153.5	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	41	p	1	A-	2	02:33:35	153.58	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	42	p	1	D+	3	02:33:43	153.72	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	43	p	1	E@	2	02:33:52	153.87	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	44	p	1	Da	1	02:34:01	154.02	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	45	p	1	Fx	2	02:34:07	154.12	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	46	p	1	Cx	3	02:34:12	154.2	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	47	p	1	Bx	1	02:34:20	154.33	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	48	p	1	B@	2	02:34:30	154.5	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	49	p	1	Bx	2	02:34:33	154.55	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	50	p	1	Fx	4	02:34:35	154.58	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	51	p	1	E-	3	02:34:49	154.82	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	52	p	1	D-	1	02:34:57	154.95	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	53	p	1	B+	2	02:35:00	155	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	54	p	1	A+	1	02:35:04	155.07	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	55	p	1	Cx	4	02:35:24	155.4	00:00:20	0.3333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	56	p	1	Bx	1	02:35:32	155.53	00:00:08	0.1333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	57	p	1	Aa	1	02:35:35	155.58	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	58	p	1	B@	1	02:35:38	155.63	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	59	p	1	C@	1	02:35:44	155.73	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	60	p	1	D-	1	02:35:47	155.78	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	61	p	1	B+	2	02:35:51	155.85	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	62	p	1	Aa	3	02:36:02	156.03	00:00:11	0.1833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	63	p	1	Bx	1	02:36:03	156.05	00:00:01	0.0167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	64	p	1	E-	3	02:36:16	156.27	00:00:13	0.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	65	p	1	D+	1	02:36:18	156.3	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	66	p	1	D-	1	02:36:23	156.38	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	67	p	1	C@	1	02:36:27	156.45	00:00:04	0.0667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	68	p	1	A+	2	02:36:37	156.62	00:00:10	0.1667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	69	p	1	D-	3	02:36:51	156.85	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	70	p	1	E-	1	02:36:52	156.87	00:00:01	0.0167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	71	p	1	A-	4	02:37:07	157.12	00:00:15	0.25
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	72	p	1	C@	2	02:37:10	157.17	00:00:03	0.05
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	73	p	1	Cx	2	02:37:16	157.27	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	74	p	1	Aa	2	02:37:21	157.35	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	75	p	1	Bx	1	02:37:22	157.37	00:00:01	0.0167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	76	p	1	Fx	4	02:37:28	157.47	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	77	p	1	A-	5	02:37:35	157.58	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	78	p	1	B+	1	02:37:42	157.7	00:00:07	0.1167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	79	p	1	D+	2	02:37:44	157.73	00:00:02	0.0333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	80	p	1	Fx	4	02:38:03	158.05	00:00:19	0.3167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	15	p	1	Da	2	02:28:07	148.12	00:09:56	9.9333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	81	p	1	Da	0	02:38:20	158.33	00:10:13	10.2167
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	82	p	1	Bx	2	02:38:34	158.57	00:00:14	0.2333
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	83	p	1	C@	2	02:38:40	158.67	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	84	p	1	F-	3	02:38:46	158.77	00:00:06	0.1
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	85	p	1	Fx	3	02:38:51	158.85	00:00:05	0.0833
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	86	p	1	B+	4	02:39:10	159.17	00:00:19	0.3167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	87	p	1	Da	3	02:39:44	159.73	00:00:34	0.5667
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	88	p	1	Fx	2	02:39:53	159.88	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	89	p	1	E@	2	02:40:02	160.03	00:00:09	0.15
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	90	p	1	C@	2	02:40:32	160.53	00:00:30	0.5
28.05.2021	R14	pink	1	44	13:10	16:30	03:20	200	0	0	100	91	R14_B91	mix	sul+	azo+	1	91	p	1	B@	1	02:40:56	160.93	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	1	p	0	D-	NA	01:32:39	92.65	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	2	y	1	Da	2	01:32:44	92.73	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	3	y	1	Da	0	01:36:17	96.28	00:03:33	3.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	4	y	1	Ba	2	01:37:27	97.45	00:01:10	1.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	5	y	1	C@	1	01:38:33	98.55	00:01:06	1.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	6	y	1	C-	1	01:41:00	101	00:02:27	2.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	7	y	1	B-	1	01:42:43	102.72	00:01:43	1.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	8	y	1	A-	1	01:43:33	103.55	00:00:50	0.8333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	9	y	1	Ea	4	01:44:01	104.02	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	10	y	1	E+	3	01:46:11	106.18	00:02:10	2.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	11	y	1	E+	0	01:46:28	106.47	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	12	y	1	D+	1	01:47:45	107.75	00:01:17	1.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	13	y	1	B-	2	01:49:09	109.15	00:01:24	1.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	14	y	1	C@	1	01:49:39	109.65	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	15	y	1	Ba	1	01:50:00	110	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	16	y	1	Bx	1	01:50:20	110.33	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	17	y	1	Ba	1	01:51:01	111.02	00:00:41	0.6833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	18	y	1	A@	1	01:51:46	111.77	00:00:45	0.75
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	19	y	1	A-	1	01:52:43	112.72	00:00:57	0.95
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	20	y	1	B-	1	01:53:31	113.52	00:00:48	0.8
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	21	y	1	Ba	2	01:53:43	113.72	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	22	y	1	F-	4	01:54:32	114.53	00:00:49	0.8167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	23	y	1	E+	1	01:55:01	115.02	00:00:29	0.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	24	y	1	D+	1	01:55:13	115.22	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	25	y	1	C-	1	01:55:28	115.47	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	26	y	1	B-	1	01:55:39	115.65	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	27	y	1	A-	1	01:56:34	116.57	00:00:55	0.9167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	28	y	1	A@	1	01:57:04	117.07	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	29	y	1	Bx	2	01:57:20	117.33	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	30	y	1	Ba	1	01:57:49	117.82	00:00:29	0.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	31	y	1	D-	2	02:16:07	136.12	00:18:18	18.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	32	y	1	C-	1	02:16:54	136.9	00:00:47	0.7833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	33	y	1	B-	1	02:17:10	137.17	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	34	y	1	A-	1	02:17:21	137.35	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	35	y	1	B+	1	02:17:49	137.82	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	36	y	1	C@	2	02:18:26	138.43	00:00:37	0.6167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	10	R15_B10	con	sul-	azo-	1	37	y	1	C@	0	02:18:55	138.92	00:00:29	0.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	17	R15_B17	con	sul-	azo-	1	1	p	0	E-	NA	00:04:24	4.4	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	17	R15_B17	con	sul-	azo-	1	2	y	1	Ba	3	00:04:58	4.97	00:00:34	0.5667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	17	R15_B17	con	sul-	azo-	1	3	y	1	B-	2	01:42:59	102.98	01:38:01	98.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	1	p	0	Aa	NA	00:12:37	12.62	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	2	y	1	D-	3	00:30:42	30.7	00:18:05	18.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	3	p	0	C@	1	00:31:29	31.48	00:00:47	0.7833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	4	p	0	Dx	2	00:31:39	31.65	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	5	p	0	E-	3	00:31:59	31.98	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	6	p	0	C@	2	00:32:07	32.12	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	7	y	1	Ax	2	00:32:18	32.3	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	8	y	1	A@	2	00:32:35	32.58	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	9	y	1	A+	2	00:35:15	35.25	00:02:40	2.6667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	10	y	1	C+	2	00:37:10	37.17	00:01:55	1.9167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	11	y	1	D-	1	00:37:26	37.43	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	12	y	1	E@	1	00:37:57	37.95	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	13	y	1	Fa	1	00:38:36	38.6	00:00:39	0.65
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	14	y	1	Ex	1	00:38:47	38.78	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	15	y	1	Ba	3	00:38:52	38.87	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	16	y	1	Ax	1	00:39:28	39.47	00:00:36	0.6
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	17	y	1	A@	2	00:39:55	39.92	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	18	y	1	A+	2	00:40:06	40.1	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	19	y	1	B-	1	00:40:10	40.17	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	20	y	1	E+	3	00:40:20	40.33	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	21	y	1	F+	1	00:40:29	40.48	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	22	y	1	E+	1	00:40:37	40.62	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	23	y	1	E@	2	00:40:47	40.78	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	24	y	1	Fa	1	00:40:56	40.93	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	25	y	1	E@	1	00:41:06	41.1	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	26	y	1	F-	1	00:41:23	41.38	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	27	y	1	Fa	2	00:41:30	41.5	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	28	y	1	Ex	1	00:41:55	41.92	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	29	y	1	Da	1	00:42:06	42.1	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	30	y	1	Ax	3	00:42:22	42.37	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	31	y	1	A@	2	01:05:08	65.13	00:22:46	22.7667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	32	y	1	A-	1	01:05:27	65.45	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	33	y	1	D@	3	01:05:56	65.93	00:00:29	0.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	34	y	1	D+	2	01:06:07	66.12	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	35	y	1	C-	1	01:48:47	108.78	00:42:40	42.6667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	20	R15_B20	con	sul-	azo-	1	36	y	1	A-	2	01:49:18	109.3	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	1	y	1	Ex	NA	00:36:55	36.92	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	2	y	1	Da	1	00:38:09	38.15	00:01:14	1.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	3	y	1	B-	2	00:38:57	38.95	00:00:48	0.8
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	4	y	1	A@	1	00:39:12	39.2	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	5	y	1	B-	1	00:39:39	39.65	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	6	y	1	C+	1	00:39:54	39.9	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	7	y	1	F+	3	00:41:14	41.23	00:01:20	1.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	8	y	1	Ea	3	01:46:15	106.25	01:05:01	65.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	9	y	1	Ex	1	01:47:08	107.13	00:00:53	0.8833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	24	R15_B24	con	sul-	azo-	1	10	y	1	Ex	0	01:47:31	107.52	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	25	R15_B25	con	sul-	azo-	1	1	p	0	A-	NA	00:02:30	2.5	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	25	R15_B25	con	sul-	azo-	1	2	p	0	Cx	3	00:02:39	2.65	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	26	R15_B26	con	sul-	azo-	0	1	p	0	F@	NA	01:25:25	85.42	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	1	y	1	Ax	NA	00:47:43	47.72	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	2	p	0	Bx	1	00:47:56	47.93	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	3	y	1	Ax	1	00:48:14	48.23	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	4	y	1	Ba	1	00:48:37	48.62	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	5	y	1	Ba	0	00:50:13	50.22	00:01:36	1.6
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	6	y	1	Ba	0	00:50:31	50.52	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	7	y	1	Ca	1	00:50:40	50.67	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	8	y	1	Da	1	00:51:11	51.18	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	9	y	1	E@	1	00:52:24	52.4	00:01:13	1.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	10	y	1	Fa	1	00:52:30	52.5	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	11	y	1	Bx	4	01:40:32	100.53	00:48:02	48.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	12	y	1	Bx	0	01:40:43	100.72	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	35	R15_B35	sul	sul+	azo-	1	13	y	1	Bx	0	01:40:58	100.97	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	37	R15_B37	sul	sul+	azo-	1	1	y	1	Ea	NA	00:59:05	59.08	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	1	y	1	Ca	NA	00:15:29	15.48	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	2	y	1	A+	3	00:17:16	17.27	00:01:47	1.7833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	3	p	0	F@	5	00:17:57	17.95	00:00:41	0.6833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	4	y	1	F+	2	00:17:58	17.97	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	5	y	1	A@	5	00:18:11	18.18	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	6	p	0	Bx	2	00:18:27	18.45	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	7	y	1	Ax	1	00:18:28	18.47	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	8	y	1	Ba	1	00:48:25	48.42	00:29:57	29.95
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	9	y	1	A+	3	00:48:41	48.68	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	10	y	1	E+	4	00:49:39	49.65	00:00:58	0.9667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	11	y	1	E+	0	00:50:22	50.37	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	12	y	1	D-	1	00:50:24	50.4	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	13	y	1	C+	1	00:50:35	50.58	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	14	y	1	B-	1	00:50:50	50.83	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	15	y	1	A+	1	00:51:18	51.3	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	16	y	1	A-	1	02:06:55	126.92	01:15:37	75.6167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	17	y	1	Ea	4	02:14:46	134.77	00:07:51	7.85
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	18	y	1	Da	1	02:14:49	134.82	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	19	y	1	C@	1	02:14:53	134.88	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	20	y	1	B+	2	02:14:55	134.92	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	21	y	1	A-	1	02:15:22	135.37	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	39	R15_B39	sul	sul+	azo-	1	22	y	1	B+	1	02:15:26	135.43	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	1	y	1	Ax	NA	00:05:06	5.1	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	2	y	1	Ax	0	00:05:22	5.37	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	3	p	0	D@	3	00:19:51	19.85	00:14:29	14.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	4	y	1	E@	1	00:20:04	20.07	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	5	p	0	E-	1	00:20:32	20.53	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	6	y	1	E+	1	00:20:49	20.82	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	7	p	0	C@	2	00:21:24	21.4	00:00:35	0.5833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	8	y	1	Ba	1	00:21:35	21.58	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	9	p	0	Fx	4	00:23:20	23.33	00:01:45	1.75
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	10	y	1	E@	2	00:23:37	23.62	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	11	y	1	Da	1	00:24:43	24.72	00:01:06	1.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	12	y	1	E@	1	00:24:59	24.98	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	13	y	1	Fa	1	00:25:18	25.3	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	14	y	1	F-	2	00:25:31	25.52	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	15	y	1	F+	1	00:26:01	26.02	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	16	y	1	F-	1	00:26:09	26.15	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	17	y	1	Ex	3	00:26:26	26.43	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	18	y	1	Fa	1	00:26:38	26.63	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	19	y	1	E@	1	00:27:34	27.57	00:00:56	0.9333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	20	y	1	D-	1	00:27:56	27.93	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	21	y	1	E+	1	00:27:59	27.98	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	22	y	1	F+	1	00:28:17	28.28	00:00:18	0.3

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	23	y	1	D-	2	00:28:33	28.55	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	24	y	1	B-	2	00:28:42	28.7	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	25	y	1	C+	1	00:29:00	29	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	26	y	1	D-	1	00:29:06	29.1	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	27	y	1	Da	2	00:29:33	29.55	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	28	y	1	Da	0	00:29:50	29.83	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	29	y	1	Fa	2	00:30:00	30	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	30	y	1	Ax	5	00:30:13	30.22	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	31	y	1	Ca	2	00:30:16	30.27	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	32	y	1	Da	1	00:30:20	30.33	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	33	y	1	F+	3	00:30:33	30.55	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	34	y	1	E+	1	00:30:52	30.87	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	35	y	1	F+	1	00:31:08	31.13	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	36	y	1	F-	1	00:31:14	31.23	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	37	y	1	E@	1	00:31:21	31.35	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	38	y	1	D-	1	00:31:33	31.55	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	39	y	1	E+	1	00:31:35	31.58	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	40	y	1	Fa	3	00:31:43	31.72	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	41	y	1	F-	2	00:31:47	31.78	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	42	y	1	E+	1	00:32:01	32.02	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	43	y	1	D-	1	00:32:37	32.62	00:00:36	0.6
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	44	y	1	A@	3	00:43:07	43.12	00:10:30	10.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	45	y	1	Ba	1	00:43:13	43.22	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	46	y	1	Ca	1	00:43:29	43.48	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	47	y	1	E@	2	00:43:36	43.6	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	48	y	1	C@	2	01:19:09	79.15	00:35:33	35.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	49	y	1	C-	1	01:19:11	79.18	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	50	y	1	D+	1	01:19:18	79.3	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	51	y	1	E+	1	01:19:23	79.38	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	52	y	1	F+	1	01:19:45	79.75	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	53	y	1	F-	1	01:19:46	79.77	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	54	y	1	D@	2	01:19:52	79.87	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	55	y	1	D+	2	01:20:07	80.12	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	56	y	1	D@	2	01:20:08	80.13	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	57	y	1	C@	1	01:20:13	80.22	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	58	y	1	Ba	1	01:20:21	80.35	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	59	y	1	A@	1	01:20:25	80.42	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	60	y	1	A-	1	01:20:32	80.53	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	41	R15_B41	sul	sul+	azo-	1	61	y	1	B-	1	01:20:47	80.78	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	51	R15_B51	sul	sul+	azo-	1	1	p	0	A-	NA	00:04:01	4.02	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	51	R15_B51	sul	sul+	azo-	1	2	p	0	B@	1	00:04:06	4.1	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	51	R15_B51	sul	sul+	azo-	1	3	p	0	Aa	1	00:05:14	5.23	00:01:08	1.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	1	y	1	E@	NA	00:24:33	24.55	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	2	y	1	Fa	1	00:26:59	26.98	00:02:26	2.4333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	3	y	1	Fa	0	00:30:44	30.73	00:03:45	3.75
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	4	y	1	F+	3	00:32:10	32.17	00:01:26	1.4333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	5	y	1	E@	2	00:34:10	34.17	00:02:00	2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	6	y	1	Fa	1	00:36:36	36.6	00:02:26	2.4333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	7	y	1	F-	2	00:36:49	36.82	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	8	y	1	F+	1	00:37:08	37.13	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	9	y	1	Ex	4	00:39:00	39	00:01:52	1.8667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	10	y	1	Ex	0	00:39:14	39.23	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	11	y	1	Da	1	00:39:45	39.75	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	12	y	1	E@	1	00:40:09	40.15	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	13	y	1	F-	1	00:40:12	40.2	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	14	y	1	Da	2	00:40:28	40.47	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	15	y	1	Ca	1	00:41:42	41.7	00:01:14	1.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	16	y	1	Ba	1	00:41:43	41.72	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	17	y	1	A@	1	00:42:03	42.05	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	18	y	1	Ba	1	00:42:18	42.3	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	19	y	1	B-	2	00:42:25	42.42	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	20	y	1	C+	1	00:42:36	42.6	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	21	y	1	A+	2	00:42:42	42.7	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	22	y	1	B-	1	00:43:01	43.02	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	23	y	1	C+	1	00:43:32	43.53	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	24	y	1	D-	1	00:43:35	43.58	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	25	y	1	F-	2	00:44:15	44.25	00:00:40	0.6667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	26	y	1	Fa	2	00:44:23	44.38	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	27	y	1	Ex	1	00:44:40	44.67	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	28	y	1	Fa	1	00:44:49	44.82	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	29	y	1	F-	2	00:46:11	46.18	00:01:22	1.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	30	y	1	F+	1	00:46:38	46.63	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	31	y	1	E+	1	00:47:05	47.08	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	32	y	1	Da	3	01:11:34	71.57	00:24:29	24.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	33	y	1	F-	2	01:58:27	118.45	00:46:53	46.8833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	34	y	1	Ea	2	01:58:43	118.72	00:00:16	0.2667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	35	y	1	D@	1	01:59:03	119.05	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	36	y	1	C@	1	01:59:11	119.18	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	37	y	1	Da	1	01:59:22	119.37	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	38	y	1	C@	1	01:59:32	119.53	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	39	y	1	C-	1	01:59:40	119.67	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	40	y	1	Ba	2	02:00:08	120.13	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	41	y	1	Bx	1	02:00:13	120.22	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	42	y	1	Ax	1	02:04:54	124.9	00:04:41	4.6833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	52	R15_B52	sul	sul+	azo-	1	43	y	1	Ba	1	02:06:34	126.57	00:01:40	1.6667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	1	p	0	D@	NA	00:47:19	47.32	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	2	p	0	C@	1	00:48:48	48.8	00:01:29	1.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	3	p	0	C-	1	00:48:54	48.9	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	4	p	0	Ea	2	00:49:36	49.6	00:00:42	0.7
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	5	p	0	D-	2	01:03:25	63.42	00:13:49	13.8167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	6	p	0	E@	1	01:03:46	63.77	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	7	p	0	Fa	1	01:03:53	63.88	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	8	y	1	C-	3	01:42:32	102.53	00:38:39	38.65
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	9	y	1	B-	1	01:43:15	103.25	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	10	y	1	A-	1	01:43:45	103.75	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	11	y	1	A@	1	01:45:45	105.75	00:02:00	2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	12	y	1	Ba	1	01:45:58	105.97	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	13	p	0	Ax	1	01:46:25	106.42	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	14	y	1	Aa	1	01:46:36	106.6	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	15	y	1	A@	1	01:46:43	106.72	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	16	y	1	A-	1	01:46:55	106.92	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	17	y	1	A@	1	01:47:11	107.18	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	18	y	1	Ba	1	01:48:15	108.25	00:01:04	1.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	19	y	1	Bx	1	01:48:26	108.43	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	20	y	1	Ba	1	01:48:40	108.67	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	21	y	1	A-	2	01:48:49	108.82	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	22	y	1	B-	1	01:49:32	109.53	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	23	y	1	C-	1	01:49:42	109.7	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	24	y	1	B-	1	01:49:51	109.85	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	25	y	1	A-	1	01:50:16	110.27	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	26	y	1	A@	1	01:50:25	110.42	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	27	y	1	A-	1	01:50:59	110.98	00:00:34	0.5667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	28	y	1	A@	1	01:51:27	111.45	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	29	y	1	A-	1	01:51:33	111.55	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	30	y	1	B-	1	01:52:25	112.42	00:00:52	0.8667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	31	p	0	B+	1	01:52:28	112.47	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	32	y	1	D+	2	01:52:36	112.6	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	33	y	1	E+	1	01:52:39	112.65	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	34	y	1	Ea	3	01:52:52	112.87	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	35	y	1	Ex	1	01:52:58	112.97	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	36	y	1	Da	1	01:53:03	113.05	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	37	y	1	D@	1	01:53:08	113.13	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	38	y	1	C@	1	01:53:34	113.57	00:00:26	0.4333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	39	y	1	B-	1	01:54:15	114.25	00:00:41	0.6833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	40	y	1	C-	1	01:54:20	114.33	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	41	y	1	D+	1	01:54:31	114.52	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	42	y	1	F+	2	01:54:37	114.62	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	43	y	1	A-	5	01:54:53	114.88	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	44	y	1	A@	1	01:55:09	115.15	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	45	y	1	Ba	1	01:55:22	115.37	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	46	y	1	A@	1	01:55:47	115.78	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	47	y	1	A-	1	01:56:06	116.1	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	48	y	1	A@	1	01:56:52	116.87	00:00:46	0.7667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	49	y	1	Ba	1	01:57:02	117.03	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	50	y	1	Bx	1	01:57:07	117.12	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	51	y	1	D@	2	01:57:15	117.25	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	52	y	1	F-	2	01:57:23	117.38	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	53	y	1	F+	1	01:57:33	117.55	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	54	y	1	E+	1	01:57:35	117.58	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	55	R15_B55	mix	sul+	azo+	1	55	y	1	A-	4	02:01:15	121.25	00:03:40	3.6667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	1	p	0	A-	NA	00:02:19	2.32	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	2	p	0	Fx	5	00:05:41	5.68	00:03:22	3.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	3	p	0	F@	2	00:05:54	5.9	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	4	y	1	F+	2	00:06:33	6.55	00:00:39	0.65
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	5	y	1	Ca	3	00:06:47	6.78	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	6	p	0	Dx	1	00:07:53	7.88	00:01:06	1.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	7	y	1	E+	4	00:08:44	8.73	00:00:51	0.85
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	8	y	1	E+	0	00:10:00	10	00:01:16	1.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	9	y	1	Da	3	00:10:59	10.98	00:00:59	0.9833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	10	p	0	E@	1	00:12:45	12.75	00:01:46	1.7667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	11	p	0	C@	2	00:13:09	13.15	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	12	y	1	Ca	1	00:13:15	13.25	00:00:06	0.1

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	13	y	1	Fa	3	00:13:32	13.53	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	14	y	1	Da	2	00:13:43	13.72	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	15	y	1	Ba	2	00:14:02	14.03	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	16	y	1	Ax	1	00:14:34	14.57	00:00:32	0.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	17	y	1	E@	4	00:15:12	15.2	00:00:38	0.6333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	18	y	1	F+	2	00:15:44	15.73	00:00:32	0.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	19	y	1	C+	3	00:15:45	15.75	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	20	y	1	A+	2	00:15:47	15.78	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	21	p	0	A-	1	00:16:28	16.47	00:00:41	0.6833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	22	y	1	A+	1	00:16:29	16.48	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	23	y	1	A+	0	00:16:46	16.77	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	24	y	1	Ba	3	00:17:17	17.28	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	25	y	1	A@	1	00:17:30	17.5	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	26	y	1	Ba	1	00:17:40	17.67	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	27	y	1	Ex	3	00:18:03	18.05	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	28	y	1	Ex	0	00:18:54	18.9	00:00:51	0.85
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	29	y	1	E@	2	00:19:01	19.02	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	30	y	1	Ex	2	00:19:45	19.75	00:00:44	0.7333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	31	y	1	Da	1	00:19:59	19.98	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	32	y	1	Ex	1	00:22:19	22.32	00:02:20	2.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	33	y	1	Fa	1	00:22:34	22.57	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	34	y	1	E@	1	00:22:50	22.83	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	35	y	1	Fa	1	00:22:54	22.9	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	36	y	1	Fa	0	00:23:17	23.28	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	37	y	1	F-	2	00:23:32	23.53	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	38	y	1	F+	1	00:24:03	24.05	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	39	y	1	F-	1	00:24:47	24.78	00:00:44	0.7333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	40	y	1	E+	1	00:25:16	25.27	00:00:29	0.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	41	y	1	Ca	3	00:25:23	25.38	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	42	y	1	Ba	1	00:25:25	25.42	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	43	y	1	Da	2	00:25:33	25.55	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	44	y	1	Ex	1	00:25:39	25.65	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	45	y	1	Ex	0	00:26:06	26.1	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	46	y	1	Fa	1	00:26:14	26.23	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	47	y	1	F-	2	00:26:31	26.52	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	48	y	1	F+	1	00:27:04	27.07	00:00:33	0.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	49	y	1	F-	1	00:28:11	28.18	00:01:07	1.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	50	y	1	E+	1	00:28:23	28.38	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	51	y	1	Ex	4	00:28:37	28.62	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	52	y	1	E@	2	00:28:56	28.93	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	53	y	1	F-	1	00:29:10	29.17	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	54	y	1	F+	1	00:29:16	29.27	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	55	y	1	F-	1	00:29:30	29.5	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	56	y	1	D-	2	00:29:39	29.65	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	57	y	1	C+	1	00:29:43	29.72	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	58	y	1	B-	1	00:29:48	29.8	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	59	y	1	A+	1	00:29:53	29.88	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	60	y	1	A@	2	00:29:58	29.97	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	61	y	1	Ba	1	00:30:03	30.05	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	62	y	1	F+	4	00:30:10	30.17	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	63	y	1	Ex	4	00:30:18	30.3	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	64	y	1	Ex	0	00:30:31	30.52	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	65	y	1	Fa	1	00:30:39	30.65	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	66	y	1	F-	2	00:30:46	30.77	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	67	y	1	F+	1	00:30:54	30.9	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	68	y	1	E@	2	00:31:03	31.05	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	69	y	1	Ex	2	00:31:17	31.28	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	70	y	1	Da	1	00:31:38	31.63	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	71	y	1	E@	1	00:31:49	31.82	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	72	y	1	D-	1	00:31:52	31.87	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	73	y	1	Ba	2	00:31:56	31.93	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	74	y	1	Ax	1	00:32:04	32.07	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	75	y	1	Ex	4	00:32:13	32.22	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	76	y	1	Ba	3	00:32:23	32.38	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	77	y	1	Da	2	00:33:17	33.28	00:00:54	0.9
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	78	y	1	D-	2	00:33:29	33.48	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	79	y	1	E+	1	00:33:44	33.73	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	80	y	1	F+	1	00:34:06	34.1	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	81	y	1	F-	1	00:34:17	34.28	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	82	y	1	D-	2	00:34:24	34.4	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	83	y	1	A+	3	00:34:33	34.55	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	84	y	1	B-	1	00:35:18	35.3	00:00:45	0.75
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	85	y	1	B-	0	00:35:26	35.43	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	86	y	1	Ba	2	00:35:30	35.5	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	87	y	1	B-	2	00:38:02	38.03	00:02:32	2.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	88	y	1	A@	1	01:25:30	85.5	00:47:28	47.4667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	89	y	1	A@	0	01:25:53	85.88	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	90	y	1	A-	1	01:25:56	85.93	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	91	y	1	A-	0	01:52:22	112.37	00:26:26	26.4333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	57	R15_B57	mix	sul+	azo+	1	92	y	1	Bx	3	01:52:34	112.57	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	1	y	1	Ba	NA	01:29:34	89.57	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	2	p	0	Ax	1	01:31:11	91.18	00:01:37	1.6167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	3	y	1	Bx	1	01:31:24	91.4	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	4	y	1	Bx	0	01:32:27	92.45	00:01:03	1.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	5	p	0	Ax	1	01:32:49	92.82	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	6	p	0	Aa	1	01:32:50	92.83	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	7	y	1	Bx	1	01:33:00	93	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	8	y	1	Ba	1	01:33:05	93.08	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	9	y	1	C@	1	01:33:10	93.17	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	10	y	1	C-	1	01:33:17	93.28	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	11	y	1	D+	1	01:33:33	93.55	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	12	y	1	E+	1	01:34:46	94.77	00:01:13	1.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	13	y	1	F+	1	01:35:29	95.48	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	14	y	1	E+	1	01:35:54	95.9	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	15	y	1	F+	1	01:36:15	96.25	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	16	y	1	F-	1	01:36:23	96.38	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	17	y	1	F-	0	01:36:33	96.55	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	18	y	1	D@	2	01:36:40	96.67	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	19	y	1	D+	2	01:36:58	96.97	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	20	y	1	C-	1	01:37:07	97.12	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	21	y	1	C@	1	01:37:21	97.35	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	22	y	1	C-	1	01:37:42	97.7	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	61	R15_B61	mix	sul+	azo+	1	23	y	1	B-	1	01:37:53	97.88	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	73	R15_B73	azo	sul-	azo+	1	1	p	0	Dx	NA	00:46:08	46.13	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	73	R15_B73	azo	sul-	azo+	1	2	p	0	Cx	1	00:46:14	46.23	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	73	R15_B73	azo	sul-	azo+	1	3	y	1	A@	2	00:46:39	46.65	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	73	R15_B73	azo	sul-	azo+	1	4	y	1	F+	5	00:47:59	47.98	00:01:20	1.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	73	R15_B73	azo	sul-	azo+	1	5	y	1	F-	1	00:48:18	48.3	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	73	R15_B73	azo	sul-	azo+	1	6	y	1	Ex	3	00:48:57	48.95	00:00:39	0.65
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	73	R15_B73	azo	sul-	azo+	1	7	y	1	Bx	3	01:51:12	111.2	01:02:15	62.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	1	y	1	Ba	NA	00:18:31	18.52	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	2	y	1	Ca	1	00:18:39	18.65	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	3	y	1	F-	3	00:18:41	18.68	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	4	y	1	A+	5	00:18:51	18.85	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	5	y	1	Ax	4	00:19:00	19	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	6	y	1	D-	3	00:24:24	24.4	00:05:24	5.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	7	p	0	C@	1	00:24:28	24.47	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	8	p	0	A-	2	00:24:39	24.65	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	9	y	1	D@	3	01:05:19	65.32	00:40:40	40.6667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	10	y	1	Ca	1	01:05:37	65.62	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	11	y	1	C-	2	01:05:41	65.68	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	12	p	0	D-	1	01:05:46	65.77	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	13	p	0	C+	1	01:05:51	65.85	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	76	R15_B76	azo	sul-	azo+	1	14	p	0	C+	0	01:06:21	66.35	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	1	p	0	B+	NA	00:03:57	3.95	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	2	p	0	Aa	3	00:05:30	5.5	00:01:33	1.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	3	y	1	A@	1	00:05:33	5.55	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	4	y	1	Ca	2	00:06:38	6.63	00:01:05	1.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	5	y	1	Ba	1	00:06:54	6.9	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	6	y	1	A@	1	00:07:04	7.07	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	7	y	1	A+	2	00:07:43	7.72	00:00:39	0.65
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	8	y	1	B-	1	00:08:05	8.08	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	9	y	1	E@	3	00:08:59	8.98	00:00:54	0.9
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	10	y	1	F+	2	00:09:35	9.58	00:00:36	0.6
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	11	y	1	E@	2	00:09:42	9.7	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	12	y	1	Ca	2	00:10:10	10.17	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	13	y	1	Ba	1	00:10:15	10.25	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	14	p	0	Aa	1	00:10:26	10.43	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	15	y	1	Ax	1	00:10:28	10.47	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	16	p	0	A-	3	00:10:38	10.63	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	17	y	1	F+	5	00:10:47	10.78	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	18	y	1	F-	1	00:11:16	11.27	00:00:29	0.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	19	y	1	F+	1	00:11:27	11.45	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	20	y	1	Fa	3	00:12:06	12.1	00:00:39	0.65
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	21	y	1	Ex	1	00:12:42	12.7	00:00:36	0.6
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	22	y	1	Da	1	00:13:20	13.33	00:00:38	0.6333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	23	y	1	Ca	1	00:13:35	13.58	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	24	y	1	C+	3	00:13:57	13.95	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	25	y	1	B-	1	00:14:06	14.1	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	26	y	1	A@	1	00:14:08	14.13	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	27	y	1	Ax	2	00:14:16	14.27	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	28	y	1	Ca	2	00:14:32	14.53	00:00:16	0.2667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	29	y	1	Fa	3	00:14:42	14.7	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	30	y	1	F+	3	00:14:55	14.92	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	31	y	1	F-	1	00:15:09	15.15	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	32	y	1	Ex	3	00:15:23	15.38	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	33	y	1	Da	1	00:15:33	15.55	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	34	y	1	Ba	2	00:15:49	15.82	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	35	y	1	Ax	1	00:16:01	16.02	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	36	y	1	A+	4	00:16:17	16.28	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	37	y	1	A@	2	00:16:23	16.38	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	38	y	1	Fa	5	00:16:33	16.55	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	39	y	1	E@	1	00:16:51	16.85	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	40	y	1	Ax	4	00:16:58	16.97	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	41	y	1	D-	3	00:17:09	17.15	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	42	y	1	F+	2	00:17:34	17.57	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	43	y	1	B-	4	00:17:39	17.65	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	44	y	1	Ba	2	00:17:52	17.87	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	45	y	1	Ax	1	00:23:25	23.42	00:05:33	5.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	46	y	1	Da	3	00:23:34	23.57	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	47	y	1	Ex	1	00:23:40	23.67	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	48	y	1	Fa	1	00:23:45	23.75	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	49	y	1	Da	2	00:59:15	59.25	00:35:30	35.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	50	y	1	Ea	1	00:59:28	59.47	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	51	y	1	F+	3	00:59:38	59.63	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	52	y	1	E+	1	00:59:51	59.85	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	53	y	1	D+	1	00:59:55	59.92	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	54	y	1	D+	0	01:45:39	105.65	00:45:44	45.7333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	55	y	1	F-	2	01:45:48	105.8	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	56	y	1	F-	0	01:45:56	105.93	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	57	y	1	E+	1	01:46:04	106.07	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	58	y	1	A-	4	01:46:17	106.28	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	59	y	1	B-	1	01:46:21	106.35	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	60	y	1	D@	2	01:46:40	106.67	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	61	y	1	Da	1	01:46:48	106.8	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	77	R15_B77	azo	sul-	azo+	1	62	y	1	C@	1	01:46:59	106.98	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	1	p	0	A-	NA	00:03:27	3.45	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	2	y	1	A+	1	00:03:59	3.98	00:00:32	0.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	3	p	0	A-	1	00:04:14	4.23	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	4	p	0	B@	1	00:04:19	4.32	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	5	p	0	A-	1	00:06:56	6.93	00:02:37	2.6167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	6	y	1	A+	1	00:07:01	7.02	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	7	y	1	F+	5	00:07:21	7.35	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	8	p	0	Fx	4	00:07:29	7.48	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	9	y	1	Ba	4	00:07:38	7.63	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	10	p	0	F@	4	00:07:58	7.97	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	11	y	1	F+	2	00:08:07	8.12	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	12	y	1	E+	1	00:08:31	8.52	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	13	y	1	D-	1	00:08:50	8.83	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	14	y	1	F+	2	00:09:14	9.23	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	15	y	1	F+	0	00:09:45	9.75	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	16	y	1	Ex	4	00:10:03	10.05	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	17	y	1	Da	1	00:10:32	10.53	00:00:29	0.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	18	y	1	E@	1	00:10:57	10.95	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	19	y	1	Da	1	00:12:27	12.45	00:01:30	1.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	20	y	1	A@	3	00:13:01	13.02	00:00:34	0.5667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	21	p	0	A-	1	00:13:07	13.12	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	22	y	1	B-	1	00:13:12	13.2	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	23	p	0	D+	2	00:13:49	13.82	00:00:37	0.6167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	24	y	1	F+	2	00:13:51	13.85	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	25	y	1	F-	1	00:14:12	14.2	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	26	y	1	Fa	2	00:14:14	14.23	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	27	y	1	Ex	1	00:14:25	14.42	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	28	y	1	E@	2	00:14:45	14.75	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	29	y	1	D-	1	00:15:00	15	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	30	y	1	F-	2	00:15:34	15.57	00:00:34	0.5667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	31	y	1	E@	1	00:15:40	15.67	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	32	y	1	F-	1	00:15:53	15.88	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	33	y	1	E+	1	00:16:07	16.12	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	34	y	1	D-	1	00:16:09	16.15	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	35	y	1	Ba	2	00:16:21	16.35	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	36	y	1	B-	2	00:16:24	16.4	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	37	y	1	F-	4	00:16:36	16.6	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	38	y	1	E+	1	00:17:08	17.13	00:00:32	0.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	39	y	1	E@	2	00:17:23	17.38	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	40	y	1	D-	1	00:17:27	17.45	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	41	y	1	C+	1	00:17:37	17.62	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	42	y	1	A+	2	00:17:49	17.82	00:00:12	0.2

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	43	y	1	B-	1	00:18:00	18	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	44	y	1	E+	3	00:18:17	18.28	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	45	y	1	Fa	3	00:18:25	18.42	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	46	y	1	Fa	0	00:45:53	45.88	00:27:28	27.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	47	y	1	E@	1	00:45:58	45.97	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	48	y	1	E+	2	00:46:23	46.38	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	49	y	1	E@	2	00:46:30	46.5	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	50	y	1	B-	3	00:46:42	46.7	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	78	R15_B78	azo	sul-	azo+	1	51	y	1	A+	1	00:46:48	46.8	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	1	y	1	E+	NA	00:02:00	2	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	2	y	1	F-	1	00:02:56	2.93	00:00:56	0.9333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	3	y	1	Ex	3	00:03:04	3.07	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	4	y	1	Ax	4	00:04:03	4.05	00:00:59	0.9833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	5	y	1	Ba	1	00:04:30	4.5	00:00:27	0.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	6	y	1	Da	2	00:05:01	5.02	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	7	y	1	A+	3	00:05:57	5.95	00:00:56	0.9333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	8	y	1	C+	2	00:06:06	6.1	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	9	y	1	F+	3	00:06:21	6.35	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	10	y	1	F-	1	00:06:34	6.57	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	11	y	1	Fa	2	00:06:45	6.75	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	12	y	1	Ex	1	00:07:07	7.12	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	13	y	1	Ba	3	00:07:18	7.3	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	14	y	1	C+	3	00:08:12	8.2	00:00:54	0.9
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	15	y	1	Ba	3	00:08:26	8.43	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	16	y	1	Ax	1	00:08:52	8.87	00:00:26	0.4333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	17	y	1	A+	4	00:09:02	9.03	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	18	y	1	F+	5	00:09:09	9.15	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	19	y	1	A+	5	00:09:33	9.55	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	20	y	1	A@	2	00:09:39	9.65	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	21	y	1	F-	5	00:09:55	9.92	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	22	y	1	E@	1	00:10:04	10.07	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	23	y	1	Da	1	00:10:06	10.1	00:00:02	0.0333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	24	y	1	A+	3	00:10:24	10.4	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	25	y	1	Fa	5	00:11:03	11.05	00:00:39	0.65
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	26	y	1	F+	3	00:11:12	11.2	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	27	y	1	D-	2	00:11:23	11.38	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	28	y	1	Ex	3	00:11:32	11.53	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	29	y	1	Ca	2	00:12:15	12.25	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	30	y	1	Ba	1	00:12:23	12.38	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	31	y	1	Ax	1	00:12:57	12.95	00:00:34	0.5667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	32	y	1	Ba	1	00:13:39	13.65	00:00:42	0.7
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	33	y	1	Ca	1	00:14:00	14	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	34	y	1	Da	1	00:14:04	14.07	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	35	y	1	Fa	2	00:14:23	14.38	00:00:19	0.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	36	y	1	A@	5	00:14:38	14.63	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	37	y	1	B-	1	00:14:48	14.8	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	38	y	1	B-	0	00:15:31	15.52	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	39	y	1	Da	2	00:15:51	15.85	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	40	y	1	F+	3	00:15:57	15.95	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	41	y	1	Ex	4	00:16:02	16.03	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	42	y	1	Da	1	00:16:15	16.25	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	43	y	1	Ax	3	00:16:30	16.5	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	44	y	1	Ba	1	00:16:44	16.73	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	45	y	1	Da	2	00:16:55	16.92	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	46	y	1	Ex	1	00:17:03	17.05	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	47	y	1	Fa	1	00:17:26	17.43	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	48	y	1	E@	1	00:17:35	17.58	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	49	y	1	D-	1	00:17:45	17.75	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	50	y	1	A@	3	00:18:01	18.02	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	51	y	1	A+	2	00:18:06	18.1	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	52	y	1	C+	2	00:18:19	18.32	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	53	y	1	D-	1	00:18:23	18.38	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	54	y	1	F+	2	00:18:44	18.73	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	55	y	1	Ax	5	00:19:31	19.52	00:00:47	0.7833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	56	y	1	A@	2	00:19:36	19.6	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	57	y	1	C+	2	00:19:56	19.93	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	58	y	1	Bx	4	01:37:59	97.98	01:18:03	78.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	59	y	1	Ea	3	01:38:12	98.2	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	60	y	1	Ea	0	01:38:26	98.43	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	61	y	1	Cx	2	01:38:39	98.65	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	62	y	1	F-	3	01:38:42	98.7	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	63	y	1	F+	1	01:39:10	99.17	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	64	y	1	E+	1	01:39:32	99.53	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	65	y	1	D+	1	01:39:45	99.75	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	79	R15_B79	azo	sul-	azo+	1	66	y	1	C-	1	01:39:53	99.88	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	1	p	0	F@	NA	00:08:01	8.02	NA	NA

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	2	y	1	A+	5	00:25:55	25.92	00:17:54	17.9
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	3	y	1	Ex	4	00:35:48	35.8	00:09:53	9.8833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	4	y	1	Da	1	00:38:45	38.75	00:02:57	2.95
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	5	y	1	Ca	1	00:39:01	39.02	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	6	y	1	Ax	2	00:40:16	40.27	00:01:15	1.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	7	p	0	Aa	1	00:40:57	40.95	00:00:41	0.6833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	8	y	1	A@	1	00:41:02	41.03	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	9	y	1	A+	2	00:41:39	41.65	00:00:37	0.6167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	10	y	1	C+	2	00:41:50	41.83	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	11	y	1	Ca	3	00:42:20	42.33	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	12	y	1	Da	1	00:42:48	42.8	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	13	y	1	Fa	2	00:43:04	43.07	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	14	y	1	Ex	1	00:43:25	43.42	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	15	y	1	E@	2	00:43:41	43.68	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	16	y	1	D-	1	00:43:48	43.8	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	17	y	1	C+	1	00:43:56	43.93	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	18	y	1	B-	1	00:44:02	44.03	00:00:06	0.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	19	y	1	A+	1	00:44:46	44.77	00:00:44	0.7333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	20	y	1	Ca	3	00:44:54	44.9	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	21	y	1	Ba	1	00:45:25	45.42	00:00:31	0.5167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	22	y	1	B-	2	00:45:30	45.5	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	23	y	1	A+	1	00:46:00	46	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	24	y	1	C+	2	00:46:33	46.55	00:00:33	0.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	25	y	1	D-	1	00:46:53	46.88	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	26	y	1	C+	1	00:47:37	47.62	00:00:44	0.7333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	27	y	1	A@	2	00:48:13	48.22	00:00:36	0.6
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	28	y	1	C+	2	00:48:45	48.75	00:00:32	0.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	29	y	1	C+	0	00:50:10	50.17	00:01:25	1.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	30	y	1	B+	1	02:11:01	131.02	01:20:51	80.85
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	31	y	1	A-	1	02:11:34	131.57	00:00:33	0.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	82	R15_B82	azo	sul-	azo+	1	32	y	1	A@	1	02:11:58	131.97	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	86	R15_B86	azo	sul-	azo+	1	1	y	1	F+	NA	00:08:40	8.67	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	86	R15_B86	azo	sul-	azo+	1	2	y	1	C+	3	00:51:41	51.68	00:43:01	43.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	86	R15_B86	azo	sul-	azo+	1	3	y	1	Bx	4	01:20:57	80.95	00:29:16	29.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	1	y	1	Da	NA	01:01:39	61.65	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	2	y	1	Ex	1	01:10:00	70	00:08:21	8.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	3	y	1	Ba	3	01:43:07	103.12	00:33:07	33.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	4	y	1	Bx	1	01:45:05	105.08	00:01:58	1.9667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	5	y	1	Ba	1	01:50:11	110.18	00:05:06	5.1
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	6	y	1	A@	1	01:50:51	110.85	00:00:40	0.6667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	7	y	1	B-	1	01:51:15	111.25	00:00:24	0.4
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	8	y	1	A-	1	01:52:50	112.83	00:01:35	1.5833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	9	y	1	Da	3	01:53:25	113.42	00:00:35	0.5833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	10	y	1	Da	0	01:54:26	114.43	00:01:01	1.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	11	y	1	D+	3	01:56:39	116.65	00:02:13	2.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	12	y	1	E+	1	01:58:09	118.15	00:01:30	1.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	13	y	1	F+	1	01:58:32	118.53	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	87	R15_B87	azo	sul-	azo+	1	14	y	1	F+	0	02:00:18	120.3	00:01:46	1.7667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	89	R15_B89	azo	sul-	azo+	1	1	p	0	Ea	NA	00:41:11	41.18	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	89	R15_B89	azo	sul-	azo+	1	2	p	0	Fx	1	00:42:45	42.75	00:01:34	1.5667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	89	R15_B89	azo	sul-	azo+	1	3	p	0	E-	3	00:43:00	43	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	89	R15_B89	azo	sul-	azo+	1	4	p	0	F@	1	00:43:28	43.47	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	1	p	0	Aa	NA	00:03:34	3.57	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	2	p	0	B+	3	00:03:45	3.75	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	3	p	0	Aa	3	00:04:28	4.47	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	4	p	0	C-	2	00:04:36	4.6	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	5	p	0	C@	1	00:04:41	4.68	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	6	p	0	A-	2	00:05:04	5.07	00:00:23	0.3833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	7	p	0	D+	3	00:05:26	5.43	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	8	p	0	Fx	4	00:07:55	7.92	00:02:29	2.4833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	9	p	0	Dx	2	00:08:27	8.45	00:00:32	0.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	10	p	0	E-	3	00:08:47	8.78	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	11	p	0	Aa	4	00:09:07	9.12	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	12	p	0	B+	3	00:09:22	9.37	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	13	p	0	F@	4	00:12:04	12.07	00:02:42	2.7
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	14	p	0	E-	1	00:12:12	12.2	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	15	p	0	D+	1	00:12:17	12.28	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	16	p	0	C-	1	00:12:47	12.78	00:00:30	0.5
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	17	y	1	A+	2	00:12:51	12.85	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	9	R15_B9	con	sul-	azo-	1	18	p	0	Aa	3	00:14:18	14.3	00:01:27	1.45
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	1	y	1	Ba	NA	00:23:00	23	NA	NA
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	2	p	0	B@	1	00:23:52	23.87	00:00:52	0.8667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	3	y	1	F+	4	00:24:13	24.22	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	4	y	1	A@	5	00:27:13	27.22	00:03:00	3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	5	p	0	Aa	1	00:27:38	27.63	00:00:25	0.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	6	y	1	Ba	1	00:27:42	27.7	00:00:04	0.0667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	7	y	1	Ca	1	00:28:02	28.03	00:00:20	0.3333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	8	y	1	Ea	2	00:28:24	28.4	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	9	y	1	Ax	4	00:28:50	28.83	00:00:26	0.4333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	10	y	1	Da	3	00:29:07	29.12	00:00:17	0.2833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	11	y	1	Ca	1	00:29:55	29.92	00:00:48	0.8
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	12	y	1	A@	2	00:30:07	30.12	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	13	y	1	B-	1	00:30:50	30.83	00:00:43	0.7167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	14	y	1	Ba	2	00:31:12	31.2	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	15	y	1	Ax	1	00:31:27	31.45	00:00:15	0.25
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	16	y	1	A@	2	00:31:45	31.75	00:00:18	0.3
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	17	y	1	Ca	2	00:32:06	32.1	00:00:21	0.35
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	18	y	1	Ax	2	00:32:34	32.57	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	19	y	1	B-	3	00:32:41	32.68	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	20	y	1	Ca	2	00:33:14	33.23	00:00:33	0.55
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	21	y	1	Da	1	00:33:27	33.45	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	22	y	1	E@	1	00:33:41	33.68	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	23	y	1	F-	1	00:33:49	33.82	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	24	y	1	F+	1	00:34:21	34.35	00:00:32	0.5333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	25	y	1	F-	1	00:34:22	34.37	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	26	y	1	F+	1	00:34:30	34.5	00:00:08	0.1333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	27	y	1	E+	1	00:34:37	34.62	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	28	y	1	F-	1	00:34:50	34.83	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	29	y	1	F+	1	00:35:12	35.2	00:00:22	0.3667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	30	y	1	D-	2	00:35:46	35.77	00:00:34	0.5667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	31	y	1	D-	0	00:35:56	35.93	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	32	y	1	B-	2	00:36:00	36	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	33	y	1	Da	2	00:36:11	36.18	00:00:11	0.1833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	34	y	1	Fa	2	00:36:18	36.3	00:00:07	0.1167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	35	y	1	Ax	5	00:36:28	36.47	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	36	y	1	Ba	1	00:36:42	36.7	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	37	y	1	Ca	1	00:36:43	36.72	00:00:01	0.0167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	38	y	1	Da	1	00:36:57	36.95	00:00:14	0.2333
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	39	y	1	D-	2	00:37:02	37.03	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	40	y	1	E+	1	00:37:06	37.1	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	41	y	1	F-	1	00:37:16	37.27	00:00:10	0.1667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	42	y	1	Fa	2	00:37:25	37.42	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	43	y	1	Ca	3	00:37:41	37.68	00:00:16	0.2667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	44	y	1	Ba	1	00:37:50	37.83	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	45	y	1	Ax	1	00:37:55	37.92	00:00:05	0.0833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	46	y	1	A@	2	00:37:59	37.98	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	47	y	1	Ba	1	00:39:24	39.4	00:01:25	1.4167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	48	y	1	A@	1	01:06:43	66.72	00:27:19	27.3167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	49	y	1	Ba	1	01:07:11	67.18	00:00:28	0.4667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	50	y	1	A@	1	01:07:46	67.77	00:00:35	0.5833
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	51	y	1	A-	1	01:07:49	67.82	00:00:03	0.05
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	52	y	1	Ba	2	01:32:46	92.77	00:24:57	24.95
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	53	y	1	Bx	1	01:32:58	92.97	00:00:12	0.2
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	54	y	1	D+	4	01:33:02	93.03	00:00:04	0.0667
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	55	y	1	E+	1	01:33:15	93.25	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	56	y	1	E+	0	01:33:28	93.47	00:00:13	0.2167
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	57	y	1	F+	1	01:33:37	93.62	00:00:09	0.15
01.06.2021	R15	yellow	2	51	13:40	16:25	02:45	165	0	0	100	91	R15_B91	azo	sul-	azo+	1	58	y	1	Ea	3	01:33:44	93.73	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	1	y	0	Ca	NA	00:56:39	56.65	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	2	p	1	Ax	2	00:56:53	56.88	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	3	y	0	Aa	1	00:57:15	57.25	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	4	p	1	D@	3	01:20:03	80.05	00:22:48	22.8
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	5	p	1	D@	0	01:24:20	84.33	00:04:17	4.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	6	y	0	D-	1	01:24:55	84.92	00:00:35	0.5833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	7	p	1	E-	1	01:25:04	85.07	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	8	y	0	F-	1	01:25:14	85.23	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	9	p	1	F@	1	01:25:17	85.28	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	10	p	1	Fa	1	01:25:42	85.7	00:00:25	0.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	10	R16_B10	mix	sul+	azo+	1	11	p	1	Ex	1	01:25:54	85.9	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	17	R16_B17	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	1	y	0	B-	NA	00:20:53	20.88	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	2	p	1	Ax	3	00:21:13	21.22	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	3	y	0	Bx	1	00:21:51	21.85	00:00:38	0.6333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	4	p	1	Ba	1	00:21:58	21.97	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	5	p	1	A@	1	00:23:02	23.03	00:01:04	1.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	6	p	1	A-	1	00:24:00	24	00:00:58	0.9667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	7	p	1	B+	1	00:24:31	24.52	00:00:31	0.5167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	8	p	1	D+	2	00:24:49	24.82	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	9	p	1	D+	0	00:25:04	25.07	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	10	p	1	D-	1	00:25:39	25.65	00:00:35	0.5833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	11	p	1	C@	1	00:25:45	25.75	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	12	p	1	Da	1	00:26:00	26	00:00:15	0.25

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	13	p	1	Cx	1	00:26:08	26.13	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	14	p	1	Ba	1	00:26:32	26.53	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	15	p	1	A@	1	00:26:36	26.6	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	16	p	1	A-	1	00:26:52	26.87	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	17	p	1	E@	4	00:27:43	27.72	00:00:51	0.85
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	18	p	1	Fx	2	00:27:51	27.85	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	19	p	1	Dx	2	00:27:59	27.98	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	20	p	1	Da	1	00:30:22	30.37	00:02:23	2.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	21	p	1	B+	3	01:00:12	60.2	00:29:50	29.8333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	22	p	1	Ba	3	01:04:38	64.63	00:04:26	4.4333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	23	p	1	Ax	1	01:04:43	64.72	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	24	p	1	Fx	5	01:04:59	64.98	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	25	p	1	C-	3	01:07:44	67.73	00:02:45	2.75
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	26	p	1	D-	1	01:08:08	68.13	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	27	p	1	D@	1	01:08:11	68.18	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	28	p	1	D@	0	01:16:36	76.6	00:08:25	8.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	29	p	1	B+	2	01:17:09	77.15	00:00:33	0.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	30	p	1	C-	1	01:17:29	77.48	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	31	p	1	Bx	3	01:19:29	79.48	00:02:00	2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	32	p	1	D@	2	01:21:49	81.82	00:02:20	2.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	33	p	1	Ex	2	01:30:45	90.75	00:08:56	8.9333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	34	p	1	Ea	1	01:31:19	91.32	00:00:34	0.5667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	35	p	1	Fa	1	01:31:22	91.37	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	36	p	1	F@	1	01:31:26	91.43	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	37	p	1	A@	5	01:47:35	107.58	00:16:09	16.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	38	p	1	Ca	2	01:47:52	107.87	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	39	p	1	A@	2	01:48:02	108.03	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	40	y	0	Aa	1	01:50:23	110.38	00:02:21	2.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	41	p	1	A@	1	01:50:26	110.43	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	42	y	0	Ax	2	01:50:34	110.57	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	43	p	1	B+	4	01:55:46	115.77	00:05:12	5.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	44	p	1	B@	2	01:56:04	116.07	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	21	R16_B21	mix	sul+	azo+	1	45	p	1	B@	0	02:01:48	121.8	00:05:44	5.7333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	1	p	1	Da	NA	00:45:08	45.13	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	2	p	1	Ea	1	00:46:16	46.27	00:01:08	1.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	3	p	1	E@	1	00:47:01	47.02	00:00:45	0.75
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	4	y	0	Fa	1	00:47:46	47.77	00:00:45	0.75
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	5	p	1	Fx	1	00:47:50	47.83	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	6	p	1	Dx	2	00:47:59	47.98	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	7	p	1	Cx	1	00:48:03	48.05	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	8	p	1	F-	3	00:48:12	48.2	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	9	p	1	F-	0	00:48:34	48.57	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	10	p	1	F-	0	00:48:50	48.83	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	11	p	1	E@	1	00:48:56	48.93	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	12	p	1	D-	1	00:49:09	49.15	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	13	p	1	E@	1	00:49:24	49.4	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	23	R16_B23	mix	sul+	azo+	0	14	p	1	C@	2	00:49:39	49.65	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	1	y	0	E+	NA	00:33:51	33.85	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	2	p	1	D-	1	00:35:21	35.35	00:01:30	1.5
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	3	y	0	C-	1	00:36:18	36.3	00:00:57	0.95
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	4	p	1	B+	1	00:36:31	36.52	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	5	y	0	B-	1	00:36:49	36.82	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	6	p	1	A-	1	00:36:57	36.95	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	7	y	0	B@	1	00:37:16	37.27	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	8	p	1	Ba	1	00:37:23	37.38	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	9	p	1	Ax	1	00:37:45	37.75	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	10	p	1	A@	2	00:38:07	38.12	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	11	p	1	A-	1	00:38:25	38.42	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	12	p	1	D+	3	00:38:47	38.78	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	13	p	1	E@	2	00:39:07	39.12	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	14	p	1	Ax	4	00:39:26	39.43	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	15	p	1	Ba	1	00:39:43	39.72	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	26	R16_B26	mix	sul+	azo+	0	16	p	1	C@	1	00:39:54	39.9	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	1	p	1	Fa	NA	01:59:20	119.33	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	2	p	1	Ex	1	02:02:20	122.33	00:03:00	3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	3	y	0	Dx	1	02:02:44	122.73	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	4	y	0	Da	1	02:02:53	122.88	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	5	y	0	Da	0	02:03:04	123.07	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	6	y	0	E@	1	02:03:10	123.17	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	7	y	0	Fx	2	02:03:20	123.33	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	8	p	1	Ca	3	02:03:29	123.48	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	9	y	0	C@	1	02:04:36	124.6	00:01:07	1.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	10	y	0	Cx	2	02:04:38	124.63	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	11	p	1	Bx	1	02:04:41	124.68	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	12	p	1	A@	2	02:05:14	125.23	00:00:33	0.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	13	y	0	Ba	1	02:05:33	125.55	00:00:19	0.3167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	14	p	1	Ba	0	02:05:38	125.63	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	15	p	1	Ea	3	02:05:49	125.82	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	16	p	1	Fa	1	02:06:14	126.23	00:00:25	0.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	17	p	1	Fa	0	02:06:32	126.53	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	28	R16_B28	mix	sul+	azo+	1	18	p	1	Ex	1	02:06:41	126.68	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	1	y	0	C-	NA	00:08:25	8.42	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	2	p	1	E@	2	00:14:21	14.35	00:05:56	5.9333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	3	y	0	E-	1	00:14:43	14.72	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	4	y	0	E+	1	00:14:45	14.75	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	5	p	1	D-	1	00:14:57	14.95	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	6	p	1	A-	3	00:15:12	15.2	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	7	p	1	A@	1	00:15:30	15.5	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	8	y	0	Aa	1	00:15:47	15.78	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	9	p	1	Ax	1	00:16:07	16.12	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	10	p	1	C@	2	00:16:17	16.28	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	11	y	0	Ca	1	00:16:22	16.37	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	12	p	1	Ax	2	00:16:28	16.47	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	13	p	1	Fx	5	00:16:53	16.88	00:00:25	0.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	14	y	0	Ex	1	00:17:04	17.07	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	15	p	1	Fx	1	00:17:13	17.22	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	16	p	1	F-	3	00:17:46	17.77	00:00:33	0.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	17	p	1	E@	1	00:17:52	17.87	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	18	p	1	Fx	2	00:18:00	18	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	19	y	0	F@	2	00:18:32	18.53	00:00:32	0.5333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	20	p	1	E@	1	00:18:33	18.55	00:00:01	0.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	21	p	1	Ea	1	00:18:35	18.58	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	22	p	1	Fx	1	00:18:43	18.72	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	23	p	1	F-	3	00:18:50	18.83	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	24	p	1	Fx	3	00:18:57	18.95	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	25	p	1	C@	3	00:19:15	19.25	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	26	p	1	Ba	1	00:19:18	19.3	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	27	p	1	Ax	1	00:19:25	19.42	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	28	p	1	Dx	3	00:19:37	19.62	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	29	p	1	Ba	2	00:19:47	19.78	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	30	p	1	Ax	1	00:19:50	19.83	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	31	p	1	A@	2	00:20:04	20.07	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	32	p	1	A-	1	00:20:09	20.15	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	33	p	1	B+	1	00:20:14	20.23	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	34	p	1	E@	3	00:20:36	20.6	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	35	p	1	D-	1	00:20:38	20.63	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	36	p	1	Cx	3	00:20:44	20.73	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	37	p	1	D+	4	00:20:54	20.9	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	38	p	1	F-	2	00:21:03	21.05	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	39	p	1	E@	1	00:21:20	21.33	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	40	p	1	F-	1	00:21:26	21.43	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	41	p	1	Da	2	00:21:34	21.57	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	42	p	1	Dx	1	00:21:48	21.8	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	43	p	1	E@	2	00:21:55	21.92	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	44	p	1	F-	1	00:21:57	21.95	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	45	p	1	Ea	2	00:22:04	22.07	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	46	p	1	Da	1	00:22:11	22.18	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	47	p	1	Dx	1	00:22:19	22.32	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	48	p	1	Ea	1	00:22:22	22.37	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	49	p	1	Fx	1	00:22:26	22.43	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	50	p	1	Dx	2	00:22:33	22.55	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	51	p	1	Cx	1	00:23:00	23	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	52	p	1	Dx	1	00:23:05	23.08	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	53	p	1	B+	4	00:23:15	23.25	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	54	p	1	A-	1	00:23:33	23.55	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	55	p	1	B+	1	00:23:38	23.63	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	56	p	1	B+	0	00:23:48	23.8	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	57	p	1	A-	1	00:23:51	23.85	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	58	p	1	A@	1	00:23:57	23.95	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	59	p	1	A@	0	00:24:02	24.03	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	60	p	1	B+	2	00:24:06	24.1	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	61	p	1	D+	2	00:24:13	24.22	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	62	p	1	B+	2	00:24:23	24.38	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	63	p	1	D+	2	00:24:26	24.43	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	64	p	1	D-	1	00:24:34	24.57	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	65	p	1	Da	2	00:24:39	24.65	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	66	p	1	Dx	1	00:24:41	24.68	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	67	p	1	F-	3	00:24:52	24.87	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	68	p	1	Ea	2	00:25:09	25.15	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	69	p	1	Da	1	00:25:18	25.3	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	70	p	1	D-	2	00:25:21	25.35	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	71	p	1	F-	2	00:25:26	25.43	00:00:05	0.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	72	p	1	Fx	3	00:25:31	25.52	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	73	p	1	Da	2	00:25:42	25.7	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	74	p	1	Ex	1	01:19:33	79.55	00:53:51	53.85
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	75	p	1	Ca	2	01:19:52	79.87	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	76	p	1	Bx	1	01:19:55	79.92	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	77	p	1	B+	4	01:20:06	80.1	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	78	p	1	B-	1	01:20:08	80.13	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	79	p	1	C-	1	01:20:17	80.28	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	80	p	1	D@	1	01:20:21	80.35	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	81	p	1	Ca	1	01:20:23	80.38	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	82	p	1	Bx	1	01:20:27	80.45	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	83	p	1	D+	4	01:20:36	80.6	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	84	p	1	D@	2	01:20:56	80.93	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	85	p	1	E-	1	01:21:03	81.05	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	30	R16_B30	mix	sul+	azo+	1	86	p	1	D@	1	01:21:09	81.15	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	1	y	0	Ex	NA	00:09:11	9.18	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	2	p	1	Fx	1	00:53:04	53.07	00:43:53	43.8833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	3	p	1	Cx	3	00:56:34	56.57	00:03:30	3.5
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	4	p	1	Cx	0	00:58:10	58.17	00:01:36	1.6
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	5	y	0	Ca	1	00:59:25	59.42	00:01:15	1.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	6	p	1	Cx	1	00:59:35	59.58	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	7	y	0	Bx	1	01:00:19	60.32	00:00:44	0.7333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	8	p	1	Ea	3	01:00:29	60.48	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	9	p	1	Ea	0	01:00:57	60.95	00:00:28	0.4667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	10	p	1	Da	1	01:01:10	61.17	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	11	p	1	Cx	1	01:02:07	62.12	00:00:57	0.95
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	12	p	1	Ax	2	01:02:23	62.38	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	13	p	1	A-	3	01:02:37	62.62	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	14	p	1	B+	1	01:02:52	62.87	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	15	p	1	D+	2	01:02:59	62.98	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	16	p	1	F-	2	01:03:04	63.07	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	17	p	1	Ea	2	01:03:21	63.35	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	18	p	1	F-	2	01:03:38	63.63	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	19	p	1	Fx	3	01:04:29	64.48	00:00:51	0.85
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	20	p	1	F-	3	01:04:36	64.6	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	21	p	1	F-	0	01:04:41	64.68	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	22	P	1	Dx	3	01:05:05	65.08	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	23	p	1	Fx	2	01:05:25	65.42	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	24	p	1	Da	2	01:05:33	65.55	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	25	p	1	C@	1	01:05:54	65.9	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	26	p	1	D-	1	01:06:03	66.05	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	27	p	1	Da	2	01:06:18	66.3	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	28	p	1	Ex	1	01:59:38	119.63	00:53:20	53.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	29	p	1	Ca	2	01:59:48	119.8	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	30	p	1	Bx	1	01:59:57	119.95	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	32	R16_B32	azo	sul-	azo+	1	31	p	1	B@	2	02:00:05	120.08	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	34	R16_B34	azo	sul-	azo+	1	1	y	0	E-	NA	00:07:28	7.47	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	34	R16_B34	azo	sul-	azo+	1	2	y	0	Fa	2	00:07:31	7.52	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	1	p	1	Ax	NA	00:29:13	29.22	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	2	p	1	Ba	1	00:29:46	29.77	00:00:33	0.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	3	p	1	Ax	1	00:29:56	29.93	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	4	p	1	Dx	3	00:53:14	53.23	00:23:18	23.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	5	p	1	D+	4	00:53:44	53.73	00:00:30	0.5
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	6	p	1	B+	2	00:53:46	53.77	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	7	p	1	A-	1	00:54:10	54.17	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	8	p	1	B+	1	00:54:47	54.78	00:00:37	0.6167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	9	p	1	D+	2	00:55:00	55	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	10	y	0	E+	1	00:55:17	55.28	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	11	p	1	F-	1	00:55:32	55.53	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	12	p	1	Ba	4	00:56:02	56.03	00:00:30	0.5
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	13	p	1	F@	4	01:20:34	80.57	00:24:32	24.5333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	14	p	1	Fa	1	01:20:39	80.65	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	15	p	1	B@	4	01:20:48	80.8	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	16	p	1	B-	1	01:20:58	80.97	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	17	p	1	F+	4	01:59:24	119.4	00:38:26	38.4333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	18	p	1	E-	1	01:59:39	119.65	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	35	R16_B35	azo	sul-	azo+	1	19	p	1	F@	1	01:59:52	119.87	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	1	p	1	B+	NA	00:02:00	2	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	2	p	1	F-	4	00:10:39	10.65	00:08:39	8.65
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	3	y	0	A+	5	00:12:04	12.07	00:01:25	1.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	4	y	0	B@	2	00:12:25	12.42	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	5	y	0	B-	1	00:13:48	13.8	00:01:23	1.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	6	y	0	C-	1	00:15:56	15.93	00:02:08	2.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	7	p	1	C@	1	00:16:49	16.82	00:00:53	0.8833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	8	p	1	Ba	1	00:22:58	22.97	00:06:09	6.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	9	p	1	Ax	1	00:23:14	23.23	00:00:16	0.2667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	10	p	1	Ax	0	00:26:23	26.38	00:03:09	3.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	11	p	1	A-	3	00:27:18	27.3	00:00:55	0.9167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	12	p	1	Ba	2	00:29:59	29.98	00:02:41	2.6833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	13	p	1	Cx	1	00:30:18	30.3	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	14	p	1	Dx	1	00:31:39	31.65	00:01:21	1.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	15	p	1	Fx	2	00:34:12	34.2	00:02:33	2.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	16	p	1	Fx	0	00:36:47	36.78	00:02:35	2.5833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	17	p	1	Fx	0	00:37:04	37.07	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	18	p	1	Da	2	00:37:09	37.15	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	19	p	1	D-	2	00:38:44	38.73	00:01:35	1.5833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	20	p	1	D+	1	00:39:15	39.25	00:00:31	0.5167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	21	p	1	D-	1	00:39:27	39.45	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	22	p	1	D-	0	00:39:59	39.98	00:00:32	0.5333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	23	p	1	Ba	2	00:40:06	40.1	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	24	p	1	Ba	0	00:40:33	40.55	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	25	p	1	Cx	1	00:40:48	40.8	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	26	p	1	Ax	2	00:40:57	40.95	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	27	p	1	A@	2	00:40:58	40.97	00:00:01	0.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	28	p	1	D-	3	00:41:39	41.65	00:00:41	0.6833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	29	p	1	E@	1	00:41:45	41.75	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	30	p	1	F-	1	00:42:06	42.1	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	31	p	1	Fx	3	00:42:12	42.2	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	32	p	1	D+	4	00:42:24	42.4	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	33	p	1	Cx	4	00:42:29	42.48	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	34	p	1	C@	2	00:44:50	44.83	00:02:21	2.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	35	p	1	C@	0	00:46:38	46.63	00:01:48	1.8
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	36	p	1	C@	0	00:46:55	46.92	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	37	p	1	Dx	2	00:47:06	47.1	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	38	p	1	Cx	1	00:47:15	47.25	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	39	p	1	Ba	1	00:47:17	47.28	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	40	p	1	Ax	1	00:47:25	47.42	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	41	p	1	D+	4	00:47:37	47.62	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	42	p	1	C@	2	00:47:47	47.78	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	43	p	1	D+	2	00:52:19	52.32	00:04:32	4.5333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	44	p	1	D-	1	00:52:25	52.42	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	45	p	1	Da	2	00:52:33	52.55	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	46	p	1	Ea	1	00:52:39	52.65	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	47	p	1	Ea	0	00:52:59	52.98	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	48	p	1	B@	3	01:38:55	98.92	00:45:56	45.9333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	49	p	1	B-	1	01:39:28	99.47	00:00:33	0.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	50	p	1	F@	4	01:41:20	101.33	00:01:52	1.8667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	51	p	1	D@	2	01:50:19	110.32	00:08:59	8.9833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	52	p	1	Ca	1	01:50:28	110.47	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	53	p	1	Bx	1	01:50:32	110.53	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	54	p	1	B-	3	01:50:56	110.93	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	55	p	1	B@	1	01:53:56	113.93	00:03:00	3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	36	R16_B36	azo	sul-	azo+	1	56	p	1	C-	1	01:58:09	118.15	00:04:13	4.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	37	R16_B37	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	1	p	1	F-	NA	00:03:08	3.13	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	2	p	1	Ba	4	00:03:26	3.43	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	3	y	0	Bx	1	00:03:30	3.5	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	4	p	1	D+	4	00:03:46	3.77	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	5	p	1	Ax	4	00:04:07	4.12	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	6	p	1	Fx	5	00:04:29	4.48	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	7	p	1	E@	2	00:04:38	4.63	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	8	p	1	Da	1	00:04:41	4.68	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	9	p	1	Cx	1	00:04:47	4.78	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	10	y	0	Bx	1	00:04:55	4.92	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	11	p	1	F-	4	00:05:31	5.52	00:00:36	0.6
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	12	p	1	Fx	3	00:05:45	5.75	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	13	y	0	Ca	3	00:05:58	5.97	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	14	p	1	C@	1	00:06:00	6	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	15	p	1	B+	2	00:13:01	13.02	00:07:01	7.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	16	y	0	C+	1	00:13:39	13.65	00:00:38	0.6333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	17	p	1	D+	1	00:13:50	13.83	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	18	p	1	Da	3	00:14:32	14.53	00:00:42	0.7
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	19	p	1	Dx	1	00:15:10	15.17	00:00:38	0.6333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	20	p	1	Cx	1	00:15:23	15.38	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	21	p	1	Fx	3	00:16:10	16.17	00:00:47	0.7833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	22	p	1	D+	4	00:16:24	16.4	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	23	p	1	B+	2	00:17:35	17.58	00:01:11	1.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	24	p	1	A-	1	00:17:41	17.68	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	25	p	1	A@	1	00:17:48	17.8	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	26	p	1	A@	0	00:18:17	18.28	00:00:29	0.4833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	27	p	1	Ax	2	00:18:29	18.48	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	28	p	1	Ba	1	00:19:08	19.13	00:00:39	0.65

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	29	p	1	A@	1	00:19:16	19.27	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	30	p	1	B+	2	00:19:22	19.37	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	31	p	1	D+	2	00:19:24	19.4	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	32	p	1	D+	0	00:57:52	57.87	00:38:28	38.4667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	33	p	1	D-	1	00:58:55	58.92	00:01:03	1.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	34	p	1	B+	2	02:01:51	121.85	01:02:56	62.9333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	38	R16_B38	azo	sul-	azo+	0	35	p	1	B+	0	02:02:13	122.22	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	40	R16_B40	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	45	R16_B45	azo	sul-	azo+	1	1	y	0	C+	NA	00:09:35	9.58	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	48	R16_B48	azo	sul-	azo+	1	1	y	0	B@	NA	00:18:27	18.45	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	53	R16_B53	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	54	R16_B54	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	1	y	0	Cx	NA	01:32:06	92.1	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	2	y	0	Cx	0	01:33:22	93.37	00:01:16	1.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	3	y	0	Dx	1	01:34:54	94.9	00:01:32	1.5333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	4	y	0	Cx	1	01:35:03	95.05	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	5	y	0	Ba	1	01:35:30	95.5	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	6	y	0	Aa	1	01:35:51	95.85	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	7	y	0	Ax	1	01:36:19	96.32	00:00:28	0.4667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	8	y	0	Aa	1	01:36:34	96.57	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	9	y	0	A-	2	01:36:52	96.87	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	10	y	0	A+	1	01:37:19	97.32	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	11	y	0	C+	2	01:37:37	97.62	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	12	y	0	D-	1	01:37:45	97.75	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	13	y	0	C@	1	01:37:55	97.92	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	14	y	0	Ba	1	01:38:02	98.03	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	15	y	0	Cx	1	01:38:08	98.13	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	16	y	0	Fx	3	01:38:11	98.18	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	17	y	0	E@	2	01:39:25	99.42	00:01:14	1.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	58	R16_B58	sul	sul+	azo-	0	18	y	0	D-	1	01:39:32	99.53	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	59	R16_B59	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	60	R16_B60	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	62	R16_B62	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	1	p	1	Da	NA	00:06:48	6.8	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	2	p	1	Fx	2	00:08:01	8.02	00:01:13	1.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	3	p	1	B+	4	00:09:04	9.07	00:01:03	1.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	4	p	1	D-	2	00:37:20	37.33	00:28:16	28.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	5	p	1	C@	1	00:37:33	37.55	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	6	p	1	Dx	2	00:38:16	38.27	00:00:43	0.7167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	7	p	1	Fx	2	00:39:33	39.55	00:01:17	1.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	8	p	1	Fx	0	00:40:12	40.2	00:00:39	0.65
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	9	p	1	E@	2	00:40:26	40.43	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	10	p	1	C@	2	00:40:52	40.87	00:00:26	0.4333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	11	p	1	Da	1	00:41:03	41.05	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	12	p	1	D@	1	01:36:28	96.47	00:55:25	55.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	13	p	1	Ca	1	01:36:29	96.48	00:00:01	0.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	14	y	0	F-	3	01:39:37	99.62	00:03:08	3.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	15	p	1	F@	1	01:40:02	100.03	00:00:25	0.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	16	p	1	Fa	1	01:40:20	100.33	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	17	y	0	Fx	1	01:40:32	100.53	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	18	p	1	Ex	1	01:40:36	100.6	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	19	p	1	Ex	0	01:40:55	100.92	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	20	p	1	Fa	1	01:41:00	101	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	21	p	1	F@	1	01:41:04	101.07	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	22	p	1	E-	1	01:41:10	101.17	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	23	p	1	B-	3	01:41:25	101.42	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	24	p	1	Bx	3	01:41:39	101.65	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	25	y	0	E+	4	01:42:03	102.05	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	26	p	1	Fa	3	01:42:09	102.15	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	27	y	0	Cx	3	01:59:11	119.18	00:17:02	17.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	28	y	0	Dx	1	01:59:16	119.27	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	29	y	0	Da	1	01:59:45	119.75	00:00:29	0.4833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	30	p	1	Ex	1	01:59:51	119.85	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	63	R16_B63	sul	sul+	azo-	1	31	p	1	Dx	1	02:00:09	120.15	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	1	y	0	B@	NA	00:49:12	49.2	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	2	y	0	Bx	2	00:49:28	49.47	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	3	y	0	Aa	1	00:49:30	49.5	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	4	y	0	C-	2	00:49:55	49.92	00:00:25	0.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	5	y	0	D@	1	00:50:20	50.33	00:00:25	0.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	6	y	0	Fa	2	00:52:06	52.1	00:01:46	1.7667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	7	y	0	D@	2	00:52:11	52.18	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	8	y	0	Ca	1	00:52:16	52.27	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	9	y	0	Bx	1	00:52:28	52.47	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	10	y	0	C-	3	00:52:50	52.83	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	11	y	0	B-	1	00:54:05	54.08	00:01:15	1.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	12	y	0	C-	1	00:58:40	58.67	00:04:35	4.5833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	13	y	0	D@	1	00:58:46	58.77	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	14	y	0	Fa	2	00:58:50	58.83	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	15	y	0	F@	1	00:58:58	58.97	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	16	y	0	F+	2	00:59:00	59	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	17	y	0	E+	1	00:59:04	59.07	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	18	y	0	C+	2	00:59:17	59.28	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	19	y	0	Da	3	01:16:25	76.42	00:17:08	17.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	20	y	0	Ba	2	01:16:35	76.58	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	21	y	0	Ax	1	01:16:38	76.63	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	64	R16_B64	sul	sul+	azo-	1	22	y	0	Aa	1	01:17:14	77.23	00:00:36	0.6
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	65	R16_B65	sul	sul+	azo-	0	1	p	1	A@	NA	00:52:13	52.22	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	65	R16_B65	sul	sul+	azo-	0	2	p	1	Ax	2	00:52:15	52.25	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	1	p	1	Fx	NA	00:14:26	14.43	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	2	y	0	F@	2	00:15:38	15.63	00:01:12	1.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	3	p	1	E@	1	00:15:49	15.82	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	4	p	1	A@	4	00:15:53	15.88	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	5	p	1	F-	5	00:16:13	16.22	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	6	p	1	D-	2	00:16:30	16.5	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	7	y	0	C-	1	00:17:09	17.15	00:00:39	0.65
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	8	p	1	A@	2	00:17:18	17.3	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	9	p	1	Da	3	00:17:26	17.43	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	10	p	1	Dx	1	00:17:49	17.82	00:00:23	0.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	11	p	1	Ba	2	00:18:07	18.12	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	12	p	1	Fx	4	00:18:48	18.8	00:00:41	0.6833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	13	p	1	A@	5	00:19:01	19.02	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	14	p	1	D-	3	00:19:29	19.48	00:00:28	0.4667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	15	p	1	Da	2	00:19:51	19.85	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	16	p	1	Cx	1	00:20:15	20.25	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	17	p	1	Ax	2	00:20:31	20.52	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	18	p	1	A-	3	00:20:42	20.7	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	19	y	0	Aa	2	00:20:46	20.77	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	20	p	1	Ax	1	00:20:47	20.78	00:00:01	0.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	21	p	1	Cx	2	00:21:10	21.17	00:00:23	0.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	22	p	1	Dx	1	00:21:42	21.7	00:00:32	0.5333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	23	p	1	Ax	3	00:21:46	21.77	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	24	p	1	A@	2	00:21:49	21.82	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	25	p	1	A-	1	00:22:16	22.27	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	26	p	1	A@	1	00:22:43	22.72	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	27	p	1	B+	2	00:22:46	22.77	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	28	p	1	D-	2	00:22:52	22.87	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	29	p	1	F-	2	00:23:08	23.13	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	30	p	1	E@	1	00:23:32	23.53	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	31	p	1	Ea	1	00:23:36	23.6	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	32	p	1	Ea	0	00:23:50	23.83	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	33	p	1	F-	2	00:23:56	23.93	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	34	p	1	B-	4	00:24:03	24.05	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	35	p	1	A@	1	00:24:11	24.18	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	36	p	1	A-	1	00:24:29	24.48	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	37	p	1	Ba	2	00:24:38	24.63	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	38	p	1	Cx	1	00:24:43	24.72	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	39	p	1	Ba	1	00:24:50	24.83	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	40	p	1	Dx	2	00:25:01	25.02	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	41	p	1	Cx	1	00:25:10	25.17	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	42	p	1	Ba	1	00:25:14	25.23	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	43	p	1	Da	2	00:25:28	25.47	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	44	p	1	Ea	1	00:25:30	25.5	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	45	p	1	Fx	1	00:25:40	25.67	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	46	p	1	Dx	2	00:25:47	25.78	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	47	p	1	Fx	2	00:25:52	25.87	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	48	p	1	Dx	2	00:26:03	26.05	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	49	p	1	Fx	2	00:26:11	26.18	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	50	p	1	F-	3	00:26:29	26.48	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	51	p	1	C@	3	00:26:37	26.62	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	52	p	1	Fx	3	00:26:48	26.8	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	53	p	1	Ea	1	00:26:58	26.97	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	54	p	1	Da	1	00:27:00	27	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	55	p	1	Cx	1	00:27:03	27.05	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	56	p	1	F-	3	00:27:10	27.17	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	57	p	1	A@	5	01:57:08	117.13	01:29:58	89.9667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	58	p	1	B@	1	01:57:14	117.23	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	59	p	1	Bx	2	01:57:21	117.35	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	60	p	1	D@	2	01:57:36	117.6	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	61	p	1	Ea	1	01:57:48	117.8	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	62	p	1	Ex	1	01:58:11	118.18	00:00:23	0.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	66	R16_B66	sul	sul+	azo-	1	63	p	1	Fa	1	01:58:14	118.23	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	1	p	1	Ba	NA	00:02:36	2.6	NA	NA

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	2	p	1	Ax	1	00:03:40	3.67	00:01:04	1.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	3	p	1	Fx	5	00:04:52	4.87	00:01:12	1.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	4	p	1	Dx	2	00:05:04	5.07	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	5	p	1	Ax	3	00:06:35	6.58	00:01:31	1.5167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	6	p	1	A@	2	00:06:39	6.65	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	7	p	1	F-	5	00:06:59	6.98	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	8	p	1	C@	3	00:08:09	8.15	00:01:10	1.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	9	p	1	A-	2	00:08:31	8.52	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	10	p	1	D+	3	00:09:08	9.13	00:00:37	0.6167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	11	p	1	D-	1	00:09:29	9.48	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	12	p	1	A@	3	00:09:43	9.72	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	13	p	1	Ea	4	00:09:49	9.82	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	14	p	1	Dx	1	00:09:56	9.93	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	15	p	1	B+	4	00:10:13	10.22	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	16	p	1	A-	1	00:10:16	10.27	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	17	p	1	A@	1	00:10:32	10.53	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	18	p	1	Ba	1	00:10:36	10.6	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	19	p	1	F+	4	00:10:45	10.75	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	20	p	1	F-	1	00:11:00	11	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	21	p	1	F-	0	00:12:44	12.73	00:01:44	1.7333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	22	p	1	D-	2	00:12:55	12.92	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	23	p	1	A@	3	00:13:17	13.28	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	24	p	1	A-	1	00:13:23	13.38	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	25	p	1	C@	2	00:13:30	13.5	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	26	p	1	A@	2	00:13:34	13.57	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	27	p	1	D+	3	00:13:41	13.68	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	28	p	1	D-	1	00:13:44	13.73	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	29	p	1	D+	1	00:14:05	14.08	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	30	p	1	E@	2	00:14:13	14.22	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	31	p	1	Ea	1	00:14:18	14.3	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	32	p	1	Fx	1	00:14:25	14.42	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	33	p	1	Ea	1	00:14:29	14.48	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	34	p	1	Dx	1	00:14:37	14.62	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	35	p	1	F-	3	00:14:49	14.82	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	36	p	1	D+	2	00:14:51	14.85	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	37	p	1	C@	2	00:15:00	15	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	38	p	1	Ba	1	00:15:03	15.05	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	39	p	1	Ba	0	00:15:27	15.45	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	40	p	1	Ax	1	00:15:32	15.53	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	41	p	1	Cx	2	00:15:43	15.72	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	42	p	1	Ba	1	00:15:45	15.75	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	43	p	1	Cx	1	00:16:01	16.02	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	44	p	1	Da	1	00:16:38	16.63	00:00:37	0.6167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	45	p	1	Da	0	00:17:12	17.2	00:00:34	0.5667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	46	p	1	Dx	1	00:17:16	17.27	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	47	p	1	Ea	1	00:17:44	17.73	00:00:28	0.4667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	48	p	1	A-	4	00:17:57	17.95	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	49	p	1	Ba	2	00:18:37	18.62	00:00:40	0.6667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	50	p	1	Cx	1	00:18:45	18.75	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	51	p	1	Dx	1	00:18:58	18.97	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	52	p	1	Da	1	00:19:03	19.05	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	53	p	1	E@	1	00:19:12	19.2	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	54	p	1	F-	1	00:19:13	19.22	00:00:01	0.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	55	p	1	D-	2	00:19:53	19.88	00:00:40	0.6667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	56	p	1	Da	2	00:19:57	19.95	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	57	p	1	Dx	1	00:20:11	20.18	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	58	p	1	Dx	0	00:20:17	20.28	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	59	p	1	Ea	1	00:20:20	20.33	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	60	p	1	Fx	1	00:20:35	20.58	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	61	p	1	Dx	2	00:21:11	21.18	00:00:36	0.6
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	62	p	1	Ba	2	00:21:37	21.62	00:00:26	0.4333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	63	p	1	Cx	1	00:21:53	21.88	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	64	p	1	Dx	1	00:22:05	22.08	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	65	p	1	Ex	1	00:22:13	22.22	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	66	p	1	Ax	4	00:22:24	22.4	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	67	p	1	Ax	0	00:22:55	22.92	00:00:31	0.5167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	68	p	1	Fx	5	00:44:46	44.77	00:21:51	21.85
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	69	p	1	Ea	1	00:44:53	44.88	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	70	p	1	Da	1	00:45:00	45	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	71	p	1	Dx	1	00:45:09	45.15	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	72	p	1	Fx	2	00:45:17	45.28	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	73	p	1	Cx	3	00:46:51	46.85	00:01:34	1.5667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	74	p	1	Ax	2	00:46:59	46.98	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	75	p	1	Ax	0	00:47:09	47.15	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	76	p	1	B+	4	00:50:09	50.15	00:03:00	3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	77	p	1	Ca	3	01:17:52	77.87	00:27:43	27.7167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	78	p	1	B@	1	01:18:06	78.1	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	79	p	1	Fx	4	01:36:25	96.42	00:18:19	18.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	80	p	1	Bx	4	01:49:14	109.23	00:12:49	12.8167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	81	p	1	F+	4	01:49:41	109.68	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	67	R16_B67	con	sul-	azo-	1	82	p	1	E-	1	01:49:55	109.92	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	1	p	1	D@	NA	01:28:17	88.28	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	2	p	1	Ca	1	01:28:56	88.93	00:00:39	0.65
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	3	y	0	Da	1	01:29:25	89.42	00:00:29	0.4833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	4	p	1	Ca	1	01:29:38	89.63	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	5	p	1	Bx	1	01:29:46	89.77	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	6	y	0	Aa	1	01:30:10	90.17	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	7	p	1	D@	3	01:30:14	90.23	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	8	p	1	B@	2	01:30:19	90.32	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	9	y	0	Aa	1	01:30:27	90.45	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	10	y	0	Ax	1	01:30:30	90.5	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	11	p	1	Bx	1	01:30:34	90.57	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	12	p	1	Fa	4	01:31:00	91	00:00:26	0.4333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	13	p	1	F@	1	01:31:06	91.1	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	14	p	1	D@	2	01:31:11	91.18	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	15	p	1	Bx	2	01:31:17	91.28	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	16	p	1	B-	3	01:31:23	91.38	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	17	p	1	C-	1	01:31:33	91.55	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	18	p	1	D@	1	01:31:41	91.68	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	19	p	1	Ca	1	01:31:44	91.73	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	20	p	1	B+	3	01:31:58	91.97	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	21	y	0	C+	1	01:32:26	92.43	00:00:28	0.4667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	22	p	1	E-	2	01:33:25	93.42	00:00:59	0.9833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	70	R16_B70	con	sul-	azo-	1	23	p	1	D@	1	01:33:44	93.73	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	71	R16_B71	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	1	p	1	A@	NA	00:02:11	2.18	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	2	p	1	Ax	2	00:02:43	2.72	00:00:32	0.5333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	3	p	1	Cx	2	00:03:05	3.08	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	4	p	1	Da	1	00:03:15	3.25	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	5	p	1	F-	2	00:03:50	3.83	00:00:35	0.5833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	6	p	1	Ax	5	00:04:59	4.98	00:01:09	1.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	7	p	1	Ea	4	00:05:27	5.45	00:00:28	0.4667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	8	p	1	E@	1	00:05:35	5.58	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	9	p	1	Da	1	00:05:41	5.68	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	10	p	1	Ax	3	00:05:48	5.8	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	11	p	1	F-	5	00:07:03	7.05	00:01:15	1.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	12	p	1	Ax	5	00:07:44	7.73	00:00:41	0.6833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	13	p	1	Fx	5	00:11:48	11.8	00:04:04	4.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	14	p	1	Dx	2	00:11:55	11.92	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	15	p	1	Da	1	00:12:00	12	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	16	p	1	Ax	3	00:12:10	12.17	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	17	p	1	Da	3	00:12:32	12.53	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	18	p	1	Ea	1	00:12:39	12.65	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	19	p	1	E@	1	00:12:40	12.67	00:00:01	0.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	20	p	1	E@	0	00:12:51	12.85	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	21	p	1	Cx	2	00:13:04	13.07	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	22	p	1	Da	1	00:13:19	13.32	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	23	p	1	Cx	1	00:13:24	13.4	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	24	p	1	Dx	1	00:13:31	13.52	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	25	p	1	Cx	1	00:13:55	13.92	00:00:24	0.4
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	26	p	1	Ba	1	00:13:58	13.97	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	27	p	1	F-	4	00:14:15	14.25	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	28	p	1	Ba	4	00:14:23	14.38	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	29	p	1	Ba	0	00:14:36	14.6	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	30	p	1	Cx	1	00:14:54	14.9	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	31	p	1	D-	3	00:15:05	15.08	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	32	p	1	A@	3	00:15:11	15.18	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	33	p	1	Ax	2	00:15:16	15.27	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	34	p	1	Ax	0	00:15:24	15.4	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	35	p	1	Ea	4	00:16:46	16.77	00:01:22	1.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	36	p	1	E@	1	00:17:07	17.12	00:00:21	0.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	37	p	1	F-	1	00:17:30	17.5	00:00:23	0.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	38	p	1	Ba	4	00:17:53	17.88	00:00:23	0.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	39	p	1	E@	3	00:18:02	18.03	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	40	p	1	Fx	2	00:18:05	18.08	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	41	p	1	Fx	0	00:25:17	25.28	00:07:12	7.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	42	p	1	Cx	3	00:25:25	25.42	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	43	p	1	Ba	1	00:25:51	25.85	00:00:26	0.4333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	44	p	1	Ba	0	00:26:16	26.27	00:00:25	0.4167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	45	p	1	C@	1	00:26:31	26.52	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	46	p	1	Ba	1	00:58:22	58.37	00:31:51	31.85
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	47	p	1	Ax	1	00:58:30	58.5	00:00:08	0.1333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	48	p	1	A@	2	00:58:45	58.75	00:00:15	0.25
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	49	p	1	Ba	1	00:58:53	58.88	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	50	p	1	A-	2	00:58:56	58.93	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	51	p	1	B+	1	00:59:06	59.1	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	52	p	1	Ea	3	01:10:16	70.27	00:11:10	11.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	53	p	1	Ex	1	01:10:23	70.38	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	54	p	1	A@	4	01:10:28	70.47	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	55	p	1	C-	2	01:19:03	79.05	00:08:35	8.5833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	56	p	1	F+	3	01:19:09	79.15	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	57	p	1	Fa	3	01:19:22	79.37	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	58	p	1	Ea	1	01:19:42	79.7	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	59	p	1	F@	1	01:19:47	79.78	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	60	p	1	E-	1	01:19:59	79.98	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	61	p	1	Bx	3	01:41:53	101.88	00:21:54	21.9
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	62	p	1	Bx	0	01:42:16	102.27	00:00:23	0.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	63	p	1	B@	2	01:42:18	102.3	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	64	p	1	Ca	1	01:42:21	102.35	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	65	p	1	Ex	2	01:42:25	102.42	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	66	p	1	Ex	0	01:42:43	102.72	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	67	p	1	Fa	1	01:42:59	102.98	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	68	p	1	D@	2	01:43:17	103.28	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	69	p	1	Ca	1	01:43:26	103.43	00:00:09	0.15
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	70	p	1	Bx	1	01:43:31	103.52	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	71	p	1	B+	4	01:43:37	103.62	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	72	p	1	D+	2	01:43:40	103.67	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	73	p	1	Fa	3	02:03:13	123.22	00:19:33	19.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	77	R16_B77	con	sul-	azo-	1	74	p	1	Bx	4	02:03:31	123.52	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	1	p	1	B+	NA	00:07:14	7.23	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	2	p	1	A-	1	00:08:57	8.95	00:01:43	1.7167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	3	p	1	A-	0	00:09:16	9.27	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	4	p	1	D+	3	01:00:17	60.28	00:51:01	51.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	5	p	1	C@	2	01:00:35	60.58	00:00:18	0.3
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	6	p	1	Ba	1	01:01:32	61.53	00:00:57	0.95
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	7	y	0	B@	1	01:01:40	61.67	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	8	p	1	A-	1	01:01:46	61.77	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	9	y	0	A+	1	01:01:50	61.83	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	10	p	1	B+	1	01:01:57	61.95	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	11	y	0	F@	4	01:02:08	62.13	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	12	p	1	E@	1	01:02:15	62.25	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	13	p	1	D-	1	01:03:36	63.6	00:01:21	1.35
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	14	y	0	F+	2	01:03:42	63.7	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	15	p	1	D+	2	01:03:46	63.77	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	16	p	1	Ba	3	01:04:05	64.08	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	17	p	1	Ba	0	01:04:24	64.4	00:00:19	0.3167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	18	p	1	Da	2	01:04:31	64.52	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	81	R16_B81	con	sul-	azo-	1	19	p	1	Ea	1	01:05:12	65.2	00:00:41	0.6833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	1	p	1	Ba	NA	00:49:49	49.82	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	2	y	0	Aa	1	00:50:44	50.73	00:00:55	0.9167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	3	p	1	Ax	1	00:50:54	50.9	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	4	y	0	Aa	1	00:51:10	51.17	00:00:16	0.2667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	5	p	1	A@	1	00:51:18	51.3	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	6	p	1	A-	1	00:51:28	51.47	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	7	p	1	A@	1	00:51:40	51.67	00:00:12	0.2
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	8	p	1	Ba	1	00:51:50	51.83	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	9	p	1	B+	3	00:51:52	51.87	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	10	p	1	D+	2	00:51:56	51.93	00:00:04	0.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	11	p	1	F-	2	00:52:01	52.02	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	12	p	1	Fx	3	00:52:41	52.68	00:00:40	0.6667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	13	p	1	Dx	2	00:53:36	53.6	00:00:55	0.9167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	14	p	1	Fx	2	00:53:56	53.93	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	15	p	1	Dx	2	00:54:13	54.22	00:00:17	0.2833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	16	p	1	Da	1	00:54:56	54.93	00:00:43	0.7167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	17	p	1	Cx	1	00:55:34	55.57	00:00:38	0.6333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	18	p	1	Ba	1	00:56:38	56.63	00:01:04	1.0667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	19	p	1	Ax	1	00:56:51	56.85	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	20	p	1	A@	2	00:57:18	57.3	00:00:27	0.45
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	21	p	1	A-	1	00:57:40	57.67	00:00:22	0.3667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	22	p	1	E-	4	01:51:46	111.77	00:54:06	54.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	23	p	1	F@	1	01:52:06	112.1	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	24	p	1	Fa	1	01:52:17	112.28	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	25	p	1	Ex	1	01:52:24	112.4	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	26	p	1	A@	4	01:54:10	114.17	00:01:46	1.7667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	27	p	1	B-	1	01:54:18	114.3	00:00:08	0.1333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	28	p	1	C-	1	01:54:25	114.42	00:00:07	0.1167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	29	p	1	D+	1	01:54:45	114.75	00:00:20	0.3333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	30	p	1	E-	1	01:54:51	114.85	00:00:06	0.1

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	85	R16_B85	con	sul-	azo-	1	31	p	1	F+	1	01:54:54	114.9	00:00:03	0.05
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	87	R16_B87	con	sul-	azo-	1	1	p	1	Ba	NA	00:07:09	7.15	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	1	p	1	B+	NA	00:53:20	53.33	NA	NA
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	2	y	0	B-	1	00:53:26	53.43	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	3	p	1	Ea	3	00:53:39	53.65	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	4	p	1	Ea	0	00:54:16	54.27	00:00:37	0.6167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	5	p	1	E@	1	00:54:21	54.35	00:00:05	0.0833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	6	p	1	F-	1	00:54:58	54.97	00:00:37	0.6167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	7	p	1	Ea	2	00:55:11	55.18	00:00:13	0.2167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	8	p	1	Fx	1	00:57:34	57.57	00:02:23	2.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	9	p	1	Ax	5	01:05:07	65.12	00:07:33	7.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	10	p	1	Ba	1	01:05:17	65.28	00:00:10	0.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	11	p	1	Dx	2	01:05:50	65.83	00:00:33	0.55
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	12	p	1	Cx	1	01:05:51	65.85	00:00:01	0.0167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	13	p	1	A-	3	01:05:57	65.95	00:00:06	0.1
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	14	p	1	B+	1	01:06:08	66.13	00:00:11	0.1833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	15	p	1	F+	4	01:23:18	83.3	00:17:10	17.1667
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	16	p	1	Bx	4	01:36:06	96.1	00:12:48	12.8
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	17	p	1	Ex	3	01:36:20	96.33	00:00:14	0.2333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	18	p	1	Fa	1	01:36:43	96.72	00:00:23	0.3833
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	19	p	1	D@	2	01:36:45	96.75	00:00:02	0.0333
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	20	p	1	B@	2	01:43:22	103.37	00:06:37	6.6167
04.06.2021	R16	pink	1	44	13:45	16:05	02:20	60	80	0	43	93	R16_B93	con	sul-	azo-	1	21	p	1	Bx	2	01:50:00	110	00:06:38	6.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	11	R17_B11	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	1	y	1	Ca	NA	00:22:00	22	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	2	y	1	Ba	1	00:22:17	22.28	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	3	y	1	B+	3	00:23:00	23	00:00:43	0.7167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	4	y	1	B-	1	00:23:19	23.32	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	5	y	1	A-	1	00:23:29	23.48	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	6	y	1	C-	2	00:24:43	24.72	00:01:14	1.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	7	y	1	D@	1	00:24:47	24.78	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	8	y	1	Ea	1	00:24:54	24.9	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	9	y	1	Fa	1	00:25:02	25.03	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	10	y	1	F@	1	00:25:04	25.07	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	11	y	1	B+	4	00:29:14	29.23	00:04:10	4.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	12	y	1	C-	1	00:29:26	29.43	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	13	y	1	D+	1	00:29:36	29.6	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	14	y	1	Cx	4	01:14:34	74.57	00:44:58	44.9667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	15	y	1	C@	2	01:14:40	74.67	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	16	y	1	A+	2	01:14:56	74.93	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	17	y	1	B-	1	01:15:03	75.05	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	18	y	1	B+	1	01:15:06	75.1	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	19	y	1	A+	1	01:15:10	75.17	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	20	y	1	B+	1	01:15:21	75.35	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	21	y	1	A+	1	01:18:35	78.58	00:03:14	3.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	22	y	1	E+	4	01:30:25	90.42	00:11:50	11.8333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	23	y	1	E@	2	01:30:26	90.43	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	24	y	1	C@	2	01:30:31	90.52	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	25	y	1	Cx	2	01:43:20	103.33	00:12:49	12.8167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	26	y	1	C-	3	01:43:29	103.48	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	27	y	1	E+	2	01:43:33	103.55	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	28	y	1	Fa	3	01:52:18	112.3	00:08:45	8.75
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	29	y	1	E+	3	01:52:20	112.33	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	30	y	1	D+	1	01:52:30	112.5	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	31	y	1	B+	2	01:52:39	112.65	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	32	y	1	Ea	3	01:53:08	113.13	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	33	y	1	Ax	4	01:54:02	114.03	00:00:54	0.9
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	34	y	1	B-	3	01:54:09	114.15	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	35	y	1	D+	2	01:54:50	114.83	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	36	y	1	D+	0	01:59:34	119.57	00:04:44	4.7333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	37	y	1	C-	1	01:59:52	119.87	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	38	y	1	C@	1	02:00:08	120.13	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	39	y	1	C-	1	02:00:09	120.15	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	40	y	1	D+	1	02:00:13	120.22	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	41	y	1	Fa	3	02:02:41	122.68	00:02:28	2.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	42	y	1	D+	3	02:04:38	124.63	00:01:57	1.95
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	43	y	1	Ea	3	02:04:39	124.65	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	23	R17_B23	azo	sul-	azo+	0	44	y	1	Fx	1	02:04:42	124.7	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	1	y	1	B-	NA	00:05:58	5.97	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	2	y	1	A-	1	00:06:25	6.42	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	3	y	1	E-	4	00:07:15	7.25	00:00:50	0.8333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	4	y	1	A-	4	00:07:30	7.5	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	5	y	1	Ea	4	00:08:20	8.33	00:00:50	0.8333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	6	y	1	D@	1	00:08:26	8.43	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	7	y	1	Aa	3	00:09:17	9.28	00:00:51	0.85
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	8	y	1	Cx	2	00:10:10	10.17	00:00:53	0.8833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	9	y	1	Ca	1	00:10:11	10.18	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	10	y	1	A-	2	00:10:31	10.52	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	11	y	1	Aa	2	00:10:56	10.93	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	12	y	1	B+	3	00:12:21	12.35	00:01:25	1.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	13	y	1	B-	1	00:13:22	13.37	00:01:01	1.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	14	y	1	C-	1	00:13:37	13.62	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	15	y	1	D@	1	00:13:58	13.97	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	16	y	1	Fa	2	00:15:14	15.23	00:01:16	1.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	17	y	1	F@	1	00:15:21	15.35	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	18	y	1	F+	2	00:15:33	15.55	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	19	y	1	A-	5	00:16:39	16.65	00:01:06	1.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	20	y	1	B+	1	00:16:49	16.82	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	21	y	1	Fa	4	00:16:56	16.93	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	22	y	1	Cx	3	00:17:02	17.03	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	23	y	1	Ba	1	00:17:10	17.17	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	24	y	1	A-	2	00:17:17	17.28	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	25	y	1	A-	0	00:17:36	17.6	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	26	y	1	B-	1	00:18:17	18.28	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	27	y	1	A-	1	00:19:15	19.25	00:00:58	0.9667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	28	y	1	B-	1	00:19:39	19.65	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	29	y	1	A-	1	00:19:47	19.78	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	30	y	1	B-	1	00:20:04	20.07	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	31	y	1	E-	3	00:20:20	20.33	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	32	y	1	B-	3	00:21:02	21.03	00:00:42	0.7
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	33	y	1	D+	2	00:21:10	21.17	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	34	y	1	D@	2	00:21:21	21.35	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	35	y	1	Ca	1	00:21:31	21.52	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	36	y	1	Cx	1	00:21:34	21.57	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	37	y	1	Ex	2	00:22:21	22.35	00:00:47	0.7833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	38	y	1	Fa	1	00:22:43	22.72	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	39	y	1	Ea	1	00:23:22	23.37	00:00:39	0.65
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	40	y	1	Fa	1	00:23:30	23.5	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	41	y	1	Fa	0	00:23:37	23.62	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	42	y	1	Ex	1	00:23:42	23.7	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	43	y	1	Ex	0	00:24:00	24	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	44	y	1	Ea	1	00:24:04	24.07	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	45	y	1	Fa	1	00:24:09	24.15	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	46	y	1	F@	1	00:24:14	24.23	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	47	p	0	F-	1	00:24:25	24.42	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	48	y	1	F+	1	00:24:26	24.43	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	49	y	1	D+	2	00:24:50	24.83	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	50	y	1	C-	1	00:24:57	24.95	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	51	y	1	B+	1	00:25:27	25.45	00:00:30	0.5
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	52	y	1	B-	1	00:25:32	25.53	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	53	y	1	A-	1	00:25:48	25.8	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	54	y	1	A-	0	01:01:49	61.82	00:36:01	36.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	55	y	1	Aa	2	01:01:54	61.9	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	56	y	1	Ba	1	01:01:56	61.93	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	57	y	1	B-	2	01:02:01	62.02	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	58	y	1	D+	2	01:02:08	62.13	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	59	y	1	C-	1	01:02:23	62.38	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	60	y	1	B-	1	01:02:24	62.4	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	61	y	1	D+	2	01:02:41	62.68	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	62	y	1	Ea	3	01:05:50	65.83	00:03:09	3.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	63	y	1	F@	1	01:05:58	65.97	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	64	y	1	C-	3	01:06:02	66.03	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	65	y	1	A-	2	01:06:22	66.37	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	66	y	1	B-	1	01:06:35	66.58	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	67	y	1	Aa	2	01:06:46	66.77	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	68	y	1	Ba	1	01:06:49	66.82	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	69	y	1	Cx	1	01:07:03	67.05	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	70	y	1	Ex	2	01:07:07	67.12	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	71	y	1	Ea	1	01:07:12	67.2	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	72	y	1	F@	1	01:07:17	67.28	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	73	y	1	C-	3	01:07:47	67.78	00:00:30	0.5
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	74	y	1	B+	1	01:07:49	67.82	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	75	y	1	E@	3	01:25:43	85.72	00:17:54	17.9
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	76	y	1	Fa	1	01:25:45	85.75	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	77	y	1	Fx	1	01:25:50	85.83	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	78	y	1	D+	4	01:25:54	85.9	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	79	y	1	Cx	4	01:45:05	105.08	00:19:11	19.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	80	y	1	Dx	1	01:45:13	105.22	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	81	y	1	E@	2	01:45:36	105.6	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	82	y	1	Ea	1	01:45:39	105.65	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	83	y	1	Fa	1	01:45:41	105.68	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	84	y	1	Fx	1	01:45:42	105.7	00:00:01	0.0167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	85	y	1	Dx	2	01:45:53	105.88	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	86	y	1	Fa	2	01:46:55	106.92	00:01:02	1.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	87	y	1	Ea	1	01:46:59	106.98	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	88	y	1	Dx	1	01:47:09	107.15	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	89	y	1	Cx	1	01:47:10	107.17	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	90	y	1	Ea	2	01:47:21	107.35	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	91	y	1	Fx	1	01:47:23	107.38	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	92	y	1	Fx	0	01:47:34	107.57	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	93	y	1	Fa	1	01:47:41	107.68	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	94	y	1	Fx	1	01:47:46	107.77	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	95	y	1	Ea	1	01:47:52	107.87	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	96	y	1	E+	3	01:48:54	108.9	00:01:02	1.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	97	y	1	D+	1	01:49:23	109.38	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	98	y	1	C-	1	01:49:27	109.45	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	99	y	1	B-	1	01:49:30	109.5	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	100	y	1	B+	1	01:49:38	109.63	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	101	y	1	A+	1	01:49:45	109.75	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	102	y	1	B-	1	01:49:58	109.97	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	103	y	1	C-	1	01:50:07	110.12	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	104	y	1	C@	1	01:50:26	110.43	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	105	y	1	Ba	1	01:50:54	110.9	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	106	y	1	D+	3	01:51:00	111	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	107	y	1	E+	1	01:51:19	111.32	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	108	y	1	Ea	3	01:51:31	111.52	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	109	y	1	B-	3	01:51:39	111.65	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	110	y	1	B+	1	01:52:07	112.12	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	111	y	1	B-	1	01:52:13	112.22	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	31	R17_B31	azo	sul-	azo+	1	112	y	1	Ba	2	01:52:21	112.35	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	1	y	1	C-	NA	01:02:39	62.65	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	2	y	1	Ca	2	01:03:25	63.42	00:00:46	0.7667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	3	y	1	Cx	1	01:03:39	63.65	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	4	y	1	Ca	1	01:04:01	64.02	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	5	y	1	Ba	1	01:04:05	64.08	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	6	y	1	Aa	1	01:04:11	64.18	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	7	y	1	Aa	0	01:04:29	64.48	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	8	y	1	Ba	1	01:04:39	64.65	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	9	y	1	A-	2	01:04:42	64.7	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	10	y	1	B-	1	01:04:45	64.75	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	11	y	1	D+	2	01:04:47	64.78	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	12	y	1	D+	0	01:05:19	65.32	00:00:32	0.5333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	13	y	1	Ea	3	01:05:28	65.47	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	14	y	1	D+	3	01:06:03	66.05	00:00:35	0.5833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	15	y	1	C-	1	01:06:09	66.15	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	16	y	1	B+	1	01:06:11	66.18	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	17	y	1	D+	2	01:06:17	66.28	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	18	y	1	F+	2	01:06:27	66.45	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	19	y	1	Aa	5	01:11:04	71.07	00:04:37	4.6167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	20	y	1	Ba	1	01:11:09	71.15	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	21	y	1	Aa	1	01:11:25	71.42	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	22	y	1	Ba	1	01:11:28	71.47	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	23	y	1	Fx	4	01:19:46	79.77	00:08:18	8.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	24	y	1	Ea	1	01:19:55	79.92	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	25	y	1	E@	1	01:20:00	80	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	26	y	1	Ax	4	01:20:05	80.08	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	27	y	1	B-	3	01:20:15	80.25	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	28	y	1	B+	1	01:20:17	80.28	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	29	y	1	B-	1	01:20:26	80.43	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	30	y	1	C-	1	01:45:55	105.92	00:25:29	25.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	31	y	1	B-	1	01:46:12	106.2	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	32	y	1	B+	1	01:46:14	106.23	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	33	y	1	D+	2	01:46:19	106.32	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	34	R17_B34	azo	sul-	azo+	1	34	y	1	E+	1	01:46:35	106.58	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	40	R17_B40	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	42	R17_B42	mix	sul+	azo+	0	1	p	0	E+	NA	00:48:11	48.18	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	45	R17_B45	mix	sul+	azo+	1	1	p	0	E@	NA	00:03:44	3.73	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	45	R17_B45	mix	sul+	azo+	1	2	p	0	Fx	2	00:03:59	3.98	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	45	R17_B45	mix	sul+	azo+	1	3	p	0	E+	4	00:04:07	4.12	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	48	R17_B48	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	50	R17_B50	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	1	y	1	B-	NA	00:34:58	34.97	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	2	y	1	A-	1	00:35:07	35.12	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	3	y	1	Aa	2	00:35:14	35.23	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	4	y	1	Ba	1	00:35:18	35.3	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	5	y	1	Cx	1	00:35:20	35.33	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	6	y	1	Ex	2	00:35:24	35.4	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	7	y	1	Fa	1	00:35:28	35.47	00:00:04	0.0667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	8	y	1	Fx	1	01:31:07	91.12	00:55:39	55.65
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	9	y	1	Fa	1	01:31:47	91.78	00:00:40	0.6667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	10	y	1	Fx	1	01:32:25	92.42	00:00:38	0.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	11	y	1	Dx	2	01:32:42	92.7	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	12	y	1	Cx	1	01:33:08	93.13	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	13	y	1	Dx	1	01:33:37	93.62	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	14	y	1	E@	2	01:33:47	93.78	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	15	y	1	E+	2	01:34:09	94.15	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	16	y	1	D+	1	01:34:26	94.43	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	17	y	1	C-	1	01:34:48	94.8	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	18	y	1	B-	1	01:34:52	94.87	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	19	y	1	A+	1	01:35:14	95.23	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	20	y	1	Dx	4	01:35:25	95.42	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	21	y	1	Ax	3	01:44:02	104.03	00:08:37	8.6167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	22	y	1	Cx	2	01:44:26	104.43	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	23	y	1	D+	4	01:44:44	104.73	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	24	y	1	Fa	3	01:46:08	106.13	00:01:24	1.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	25	y	1	Ba	4	01:48:05	108.08	00:01:57	1.95
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	26	y	1	Cx	1	01:48:32	108.53	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	27	y	1	Dx	1	01:48:38	108.63	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	28	y	1	E+	4	01:49:26	109.43	00:00:48	0.8
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	29	y	1	Fa	3	01:49:41	109.68	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	30	y	1	Ba	4	01:52:42	112.7	00:03:01	3.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	31	y	1	Ax	1	01:53:49	113.82	00:01:07	1.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	32	y	1	E+	4	01:54:00	114	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	33	y	1	B-	3	01:55:41	115.68	00:01:41	1.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	34	y	1	C-	1	01:55:50	115.83	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	35	y	1	Ax	3	01:58:36	118.6	00:02:46	2.7667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	36	y	1	B-	3	02:05:14	125.23	00:06:38	6.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	57	R17_B57	mix	sul+	azo+	1	37	y	1	B+	1	02:05:25	125.42	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	64	R17_B64	con	sul-	azo-	1	1	y	1	Cx	NA	00:54:45	54.75	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	64	R17_B64	con	sul-	azo-	1	2	y	1	Ca	1	00:55:48	55.8	00:01:03	1.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	64	R17_B64	con	sul-	azo-	1	3	y	1	B+	3	00:55:54	55.9	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	64	R17_B64	con	sul-	azo-	1	4	y	1	B+	0	00:56:28	56.47	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	64	R17_B64	con	sul-	azo-	1	5	y	1	D+	2	01:29:49	89.82	00:33:21	33.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	64	R17_B64	con	sul-	azo-	1	6	y	1	E+	1	01:30:00	90	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	64	R17_B64	con	sul-	azo-	1	7	y	1	Fx	4	01:30:13	90.22	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	1	p	0	E@	NA	00:03:17	3.28	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	2	y	1	Ea	1	00:03:28	3.47	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	3	p	0	Dx	1	00:04:16	4.27	00:00:48	0.8
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	4	p	0	Da	1	00:04:23	4.38	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	5	y	1	F@	2	00:04:26	4.43	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	6	p	0	Fx	2	00:05:34	5.57	00:01:08	1.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	7	y	1	Fa	1	00:05:39	5.65	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	8	p	0	E+	3	00:06:03	6.05	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	9	y	1	D+	1	00:06:06	6.1	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	10	y	1	Ea	3	00:06:35	6.58	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	11	y	1	F@	1	00:07:01	7.02	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	12	y	1	D@	2	00:07:09	7.15	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	13	y	1	Ca	1	00:07:19	7.32	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	14	y	1	Ea	2	00:07:26	7.43	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	15	y	1	Aa	4	00:07:31	7.52	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	16	y	1	Aa	0	00:07:45	7.75	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	17	y	1	Ca	2	00:07:49	7.82	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	18	y	1	D@	1	00:07:57	7.95	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	19	y	1	Ea	1	00:08:03	8.05	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	20	y	1	Fa	1	00:08:06	8.1	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	21	y	1	D+	3	00:08:10	8.17	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	22	y	1	A-	3	00:08:16	8.27	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	23	y	1	Aa	2	00:08:28	8.47	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	24	y	1	A-	2	00:08:34	8.57	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	25	y	1	B-	1	00:08:41	8.68	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	26	y	1	B+	1	00:08:50	8.83	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	27	y	1	A-	1	00:09:04	9.07	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	28	y	1	Fa	5	00:09:14	9.23	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	29	y	1	F+	3	00:09:25	9.42	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	30	y	1	D@	2	00:09:33	9.55	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	31	y	1	C-	1	00:09:37	9.62	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	32	y	1	D+	1	00:09:54	9.9	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	33	y	1	C-	1	00:10:01	10.02	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	34	y	1	Ea	2	00:10:43	10.72	00:00:42	0.7
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	35	y	1	Ex	1	00:10:53	10.88	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	36	y	1	Cx	2	00:11:24	11.4	00:00:31	0.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	37	y	1	Ba	1	00:11:31	11.52	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	38	y	1	B-	2	00:11:35	11.58	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	39	y	1	F@	4	00:11:40	11.67	00:00:05	0.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	40	y	1	Cx	3	00:12:05	12.08	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	41	y	1	Ex	2	00:12:12	12.2	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	42	y	1	F+	4	00:12:27	12.45	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	43	y	1	D+	2	00:12:37	12.62	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	44	y	1	C-	1	00:12:39	12.65	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	45	y	1	A-	2	00:12:54	12.9	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	46	y	1	Ba	2	00:13:00	13	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	47	y	1	Aa	1	00:13:08	13.13	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	48	y	1	B-	2	00:13:14	13.23	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	49	y	1	D+	2	00:13:21	13.35	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	50	y	1	F@	2	00:13:29	13.48	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	51	y	1	Ea	1	00:13:43	13.72	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	52	y	1	Ex	1	00:13:50	13.83	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	53	y	1	Ca	2	00:14:04	14.07	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	54	y	1	Cx	1	00:14:26	14.43	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	55	y	1	Aa	2	00:15:45	15.75	00:01:19	1.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	56	y	1	A-	2	00:15:52	15.87	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	57	y	1	F@	5	00:38:55	38.92	00:23:03	23.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	58	y	1	F+	2	00:38:56	38.93	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	59	y	1	F@	2	00:38:59	38.98	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	60	y	1	Fa	1	00:39:02	39.03	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	61	y	1	Ex	1	00:39:09	39.15	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	62	y	1	Ea	1	00:39:37	39.62	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	63	y	1	Fa	1	00:39:40	39.67	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	64	y	1	F@	1	00:39:46	39.77	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	65	y	1	C-	3	00:39:52	39.87	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	66	y	1	Ea	2	00:40:04	40.07	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	67	y	1	Fa	1	00:40:21	40.35	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	68	y	1	Ex	1	00:40:29	40.48	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	69	y	1	Cx	2	00:40:35	40.58	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	70	y	1	D+	4	00:40:40	40.67	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	71	y	1	D@	2	00:40:51	40.85	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	72	y	1	D+	2	00:41:04	41.07	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	73	y	1	Ex	4	00:44:17	44.28	00:03:13	3.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	74	y	1	Ea	1	00:44:24	44.4	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	75	y	1	Aa	4	01:02:44	62.73	00:18:20	18.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	76	y	1	Ba	1	02:03:21	123.35	01:00:37	60.6167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	77	y	1	C@	1	02:03:33	123.55	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	78	y	1	C@	0	02:04:27	124.45	00:00:54	0.9
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	79	y	1	Fa	3	02:05:19	125.32	00:00:52	0.8667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	80	y	1	Fx	1	02:05:21	125.35	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	81	y	1	Dx	2	02:05:29	125.48	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	82	y	1	Cx	1	02:05:39	125.65	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	83	y	1	Ea	2	02:05:52	125.87	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	66	R17_B66	con	sul-	azo-	1	84	y	1	Fa	1	02:05:56	125.93	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	1	y	1	Cx	NA	00:45:09	45.15	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	2	y	1	Aa	2	00:46:30	46.5	00:01:21	1.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	3	y	1	Ba	1	00:46:46	46.77	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	4	y	1	Ca	1	00:47:32	47.53	00:00:46	0.7667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	5	y	1	Aa	2	00:48:01	48.02	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	6	y	1	C-	2	00:49:06	49.1	00:01:05	1.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	7	y	1	D@	1	00:49:50	49.83	00:00:44	0.7333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	8	y	1	Ea	1	00:49:52	49.87	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	9	y	1	Fa	1	00:49:55	49.92	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	10	y	1	F+	3	00:50:04	50.07	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	11	y	1	B+	4	00:50:45	50.75	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	12	p	0	E@	3	00:51:00	51	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	13	y	1	Ca	2	00:51:29	51.48	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	14	y	1	D+	3	00:52:21	52.35	00:00:52	0.8667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	15	y	1	C-	1	00:52:38	52.63	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	16	y	1	B+	1	00:52:41	52.68	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	17	y	1	A-	1	00:53:05	53.08	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	18	y	1	B+	1	00:53:49	53.82	00:00:44	0.7333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	19	y	1	D@	2	00:53:56	53.93	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	20	y	1	B+	2	00:54:13	54.22	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	21	y	1	B-	1	00:54:44	54.73	00:00:31	0.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	22	y	1	A-	1	00:54:52	54.87	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	23	y	1	D+	3	00:55:27	55.45	00:00:35	0.5833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	24	y	1	F+	2	00:55:39	55.65	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	25	y	1	Ex	4	01:02:33	62.55	00:06:54	6.9
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	26	y	1	Cx	2	01:02:51	62.85	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	27	y	1	Ba	1	01:02:54	62.9	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	28	y	1	B-	2	01:03:30	63.5	00:00:36	0.6
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	29	y	1	A-	1	01:03:34	63.57	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	30	p	0	A+	1	01:03:53	63.88	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	31	y	1	B+	1	01:03:58	63.97	00:00:05	0.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	32	y	1	C-	1	01:04:28	64.47	00:00:30	0.5
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	33	y	1	D+	1	01:04:41	64.68	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	34	y	1	Fa	3	01:04:51	64.85	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	35	y	1	C-	3	01:05:01	65.02	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	36	y	1	Aa	2	01:05:40	65.67	00:00:39	0.65
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	68	R17_B68	con	sul-	azo-	1	37	y	1	B+	3	01:06:07	66.12	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	73	R17_B73	con	sul-	azo-	1	1	y	1	Fa	NA	00:11:43	11.72	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	73	R17_B73	con	sul-	azo-	1	2	y	1	F+	3	00:11:48	11.8	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	1	y	1	Ea	NA	00:11:57	11.95	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	2	y	1	Cx	2	00:12:20	12.33	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	3	y	1	A-	3	00:13:10	13.17	00:00:50	0.8333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	4	y	1	F@	5	00:13:53	13.88	00:00:43	0.7167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	5	y	1	B+	4	00:14:30	14.5	00:00:37	0.6167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	6	y	1	E-	3	00:14:43	14.72	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	7	y	1	B+	3	00:14:48	14.8	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	8	y	1	A-	1	00:14:52	14.87	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	9	y	1	D@	3	00:15:22	15.37	00:00:30	0.5
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	10	y	1	F@	2	00:15:29	15.48	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	11	y	1	D+	2	00:15:56	15.93	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	12	y	1	C-	1	00:16:05	16.08	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	13	y	1	Ba	2	00:16:08	16.13	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	14	y	1	Ca	1	00:16:16	16.27	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	15	y	1	Cx	1	00:16:22	16.37	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	16	y	1	Ex	2	00:16:37	16.62	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	17	y	1	Aa	4	00:17:15	17.25	00:00:38	0.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	18	y	1	Aa	0	00:17:29	17.48	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	19	y	1	Ba	1	00:17:41	17.68	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	20	y	1	Ca	1	00:17:55	17.92	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	21	y	1	D@	1	00:18:05	18.08	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	22	y	1	Ca	1	00:18:15	18.25	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	23	y	1	Ex	2	00:18:21	18.35	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	24	y	1	Fa	1	00:18:50	18.83	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	25	y	1	Ex	1	00:19:02	19.03	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	26	y	1	Fa	1	00:19:10	19.17	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	27	y	1	F@	1	00:19:20	19.33	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	28	y	1	F+	2	00:19:27	19.45	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	29	y	1	D+	2	00:19:38	19.63	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	30	y	1	C-	1	00:19:46	19.77	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	31	y	1	D+	1	00:20:27	20.45	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	32	y	1	Ca	3	00:20:30	20.5	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	33	y	1	Cx	1	00:20:36	20.6	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	34	y	1	Ba	1	00:20:40	20.67	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	35	y	1	A-	2	00:20:47	20.78	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	36	y	1	B+	1	00:21:25	21.42	00:00:38	0.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	37	y	1	Ba	3	00:24:30	24.5	00:03:05	3.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	38	y	1	Ea	3	00:45:41	45.68	00:21:11	21.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	39	y	1	D@	1	00:46:00	46	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	40	y	1	C-	1	00:46:04	46.07	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	41	y	1	B-	1	00:46:08	46.13	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	42	y	1	A-	1	00:46:33	46.55	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	43	y	1	Ba	2	00:46:40	46.67	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	44	y	1	Ca	1	00:46:45	46.75	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	45	y	1	Cx	1	00:46:51	46.85	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	46	y	1	A-	3	00:46:57	46.95	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	47	y	1	Cx	3	00:47:00	47	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	48	y	1	Ca	1	00:47:14	47.23	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	49	p	0	B@	1	00:47:46	47.77	00:00:32	0.5333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	50	y	1	D+	2	00:55:38	55.63	00:07:52	7.8667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	51	y	1	B-	2	00:55:45	55.75	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	52	y	1	D+	2	00:55:55	55.92	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	53	y	1	D+	0	00:56:19	56.32	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	54	y	1	B+	2	00:56:43	56.72	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	55	y	1	C-	1	01:09:29	69.48	00:12:46	12.7667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	56	y	1	F@	3	01:09:56	69.93	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	57	y	1	D@	2	01:09:57	69.95	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	58	y	1	Cx	2	01:09:59	69.98	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	59	y	1	B-	3	01:20:55	80.92	00:10:56	10.9333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	60	y	1	B+	1	01:21:03	81.05	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	61	y	1	B-	1	01:21:16	81.27	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	62	y	1	A+	1	01:21:28	81.47	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	63	y	1	C-	2	01:21:33	81.55	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	64	y	1	Dx	3	01:21:42	81.7	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	65	y	1	Ea	1	01:21:46	81.77	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	66	y	1	E+	3	01:22:14	82.23	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	67	y	1	D+	1	01:22:18	82.3	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	68	y	1	B-	2	01:26:35	86.58	00:04:17	4.2833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	69	y	1	A+	1	01:30:22	90.37	00:03:47	3.7833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	70	y	1	B-	1	01:30:33	90.55	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	71	y	1	C-	1	01:30:43	90.72	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	72	y	1	B-	1	01:30:51	90.85	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	73	y	1	Ba	2	01:31:04	91.07	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	74	y	1	Ax	1	01:31:14	91.23	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	75	y	1	Cx	2	01:31:23	91.38	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	76	y	1	Dx	1	01:31:37	91.62	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	77	y	1	Ax	3	01:31:45	91.75	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	78	y	1	C-	3	01:31:56	91.93	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	79	y	1	D+	1	01:32:13	92.22	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	80	y	1	B+	2	01:32:22	92.37	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	81	y	1	B+	0	01:32:47	92.78	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	82	y	1	A+	1	01:33:20	93.33	00:00:33	0.55
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	83	y	1	Ba	3	01:38:41	98.68	00:05:21	5.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	84	y	1	B-	2	01:39:06	99.1	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	85	y	1	B+	1	01:39:12	99.2	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	86	y	1	E@	3	01:39:15	99.25	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	87	y	1	B-	3	01:39:33	99.55	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	88	y	1	C-	1	01:39:43	99.72	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	89	y	1	Ea	2	01:39:46	99.77	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	90	y	1	Dx	1	01:39:51	99.85	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	91	y	1	Fx	2	01:40:03	100.05	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	92	y	1	Fa	1	01:40:18	100.3	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	93	y	1	Ax	5	01:51:03	111.05	00:10:45	10.75
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	94	y	1	Cx	2	01:51:33	111.55	00:00:30	0.5
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	95	y	1	Dx	1	01:51:46	111.77	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	96	y	1	Cx	1	01:51:59	111.98	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	97	y	1	Ea	2	01:52:10	112.17	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	98	y	1	C-	2	01:52:23	112.38	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	99	y	1	A+	2	01:52:44	112.73	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	100	y	1	E+	4	02:00:00	120	00:07:16	7.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	101	y	1	B+	3	02:09:42	129.7	00:09:42	9.7
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	102	y	1	B-	1	02:09:59	129.98	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	103	y	1	C-	1	02:10:13	130.22	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	104	y	1	D+	1	02:10:34	130.57	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	75	R17_B75	con	sul-	azo-	1	105	y	1	C@	2	02:10:40	130.67	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	1	y	1	Fx	NA	01:21:19	81.32	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	2	y	1	Fa	1	01:21:47	81.78	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	3	y	1	Fx	1	01:22:00	82	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	4	y	1	Cx	3	01:22:16	82.27	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	5	y	1	Dx	1	01:22:19	82.32	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	6	y	1	E@	2	01:28:30	88.5	00:06:11	6.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	7	y	1	Ea	1	01:28:40	88.67	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	8	y	1	Fa	1	01:28:43	88.72	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	9	y	1	Fx	1	01:28:50	88.83	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	10	y	1	E@	2	01:29:07	89.12	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	11	y	1	D+	2	01:29:23	89.38	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	12	y	1	A+	3	01:29:32	89.53	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	13	y	1	B+	1	01:30:47	90.78	00:01:15	1.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	14	y	1	A+	1	01:31:41	91.68	00:00:54	0.9
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	15	y	1	A+	0	01:32:49	92.82	00:01:08	1.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	16	y	1	Dx	4	01:32:56	92.93	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	17	y	1	Fx	2	01:33:11	93.18	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	18	y	1	Ea	1	01:33:30	93.5	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	19	y	1	Fa	1	01:34:22	94.37	00:00:52	0.8667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	20	y	1	E@	1	01:34:37	94.62	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	21	y	1	E+	2	01:34:41	94.68	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	22	y	1	C-	2	01:35:18	95.3	00:00:37	0.6167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	23	y	1	B+	1	01:35:29	95.48	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	24	y	1	A+	1	01:35:34	95.57	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	25	y	1	Ba	3	01:35:45	95.75	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	26	y	1	Ax	1	01:35:49	95.82	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	27	y	1	A+	4	01:37:06	97.1	00:01:17	1.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	28	y	1	B-	1	01:37:18	97.3	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	29	y	1	C-	1	01:37:43	97.72	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	30	y	1	D+	1	01:37:53	97.88	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	31	y	1	E+	1	01:38:11	98.18	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	32	y	1	C@	2	01:38:44	98.73	00:00:33	0.55
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	33	y	1	C-	1	01:38:56	98.93	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	34	y	1	D+	1	01:39:01	99.02	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	35	y	1	E+	1	01:39:08	99.13	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	36	y	1	Dx	4	01:39:30	99.5	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	37	y	1	Fx	2	01:39:31	99.52	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	38	y	1	Fa	1	01:39:35	99.58	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	39	y	1	Fx	1	01:39:40	99.67	00:00:05	0.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	40	y	1	D+	4	01:39:57	99.95	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	41	y	1	B-	2	01:40:00	100	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	42	y	1	Ba	2	01:40:05	100.08	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	43	y	1	Ax	1	01:40:13	100.22	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	44	y	1	Dx	3	01:40:26	100.43	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	45	y	1	Fx	2	01:40:54	100.9	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	46	y	1	A+	5	01:41:09	101.15	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	47	y	1	E@	4	01:41:27	101.45	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	48	y	1	Fx	2	01:42:07	102.12	00:00:40	0.6667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	49	y	1	Fa	1	01:42:11	102.18	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	50	y	1	E@	1	01:42:17	102.28	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	51	y	1	E+	2	01:42:33	102.55	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	52	y	1	D+	1	01:42:54	102.9	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	53	y	1	C-	1	01:43:13	103.22	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	54	y	1	B+	1	01:43:16	103.27	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	55	y	1	D+	2	01:43:27	103.45	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	56	y	1	A+	3	01:43:55	103.92	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	57	y	1	B-	1	01:44:23	104.38	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	58	y	1	Ba	2	01:44:41	104.68	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	59	y	1	E+	3	01:44:53	104.88	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	60	y	1	E@	2	01:45:48	105.8	00:00:55	0.9167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	61	y	1	Ea	1	01:46:05	106.08	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	62	y	1	Fx	1	01:46:27	106.45	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	63	y	1	Cx	3	01:46:31	106.52	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	64	y	1	Fa	3	01:50:05	110.08	00:03:34	3.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	65	y	1	Fx	1	01:53:31	113.52	00:03:26	3.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	66	y	1	Dx	2	01:53:34	113.57	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	67	y	1	Cx	1	01:53:41	113.68	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	68	y	1	C-	3	01:53:59	113.98	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	76	R17_B76	sul	sul+	azo-	1	69	y	1	Ea	2	01:55:16	115.27	00:01:17	1.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	1	y	1	F+	NA	00:05:50	5.83	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	2	y	1	D+	2	00:06:51	6.85	00:01:01	1.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	3	p	0	C+	1	00:06:56	6.93	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	4	y	1	C-	1	00:06:58	6.97	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	5	y	1	E-	2	00:07:06	7.1	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	6	y	1	D+	1	00:07:40	7.67	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	7	p	0	E@	2	00:07:46	7.77	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	8	y	1	Fa	1	00:07:48	7.8	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	9	y	1	Ex	1	00:08:02	8.03	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	10	y	1	Ca	2	00:08:14	8.23	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	11	y	1	Cx	1	00:08:19	8.32	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	12	y	1	Cx	0	00:08:31	8.52	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	13	y	1	F@	3	00:09:02	9.03	00:00:31	0.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	14	y	1	B+	4	00:09:10	9.17	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	15	y	1	A-	1	00:09:19	9.32	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	16	y	1	D@	3	00:09:39	9.65	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	17	y	1	Fa	2	00:09:50	9.83	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	18	y	1	Aa	5	00:09:58	9.97	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	19	y	1	A-	2	00:10:21	10.35	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	20	y	1	B-	1	00:10:27	10.45	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	21	y	1	C-	1	00:10:41	10.68	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	22	y	1	B+	1	00:10:46	10.77	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	23	y	1	D+	2	00:10:49	10.82	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	24	y	1	B+	2	00:10:58	10.97	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	25	y	1	B-	1	00:11:05	11.08	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	26	y	1	Ba	2	00:11:11	11.18	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	27	y	1	Ca	1	00:11:18	11.3	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	28	y	1	B+	3	00:11:21	11.35	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	29	y	1	F+	4	00:11:28	11.47	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	30	y	1	B-	4	00:11:51	11.85	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	31	y	1	Ea	3	00:12:14	12.23	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	32	y	1	Ba	3	00:12:33	12.55	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	33	y	1	Ex	3	00:12:46	12.77	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	34	y	1	Fa	1	00:13:03	13.05	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	35	y	1	Cx	3	00:13:16	13.27	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	36	y	1	Fa	3	00:13:35	13.58	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	37	y	1	B-	4	00:13:45	13.75	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	38	y	1	A-	1	00:14:10	14.17	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	39	y	1	Aa	2	00:14:20	14.33	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	40	y	1	Ba	1	00:14:36	14.6	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	41	y	1	Aa	1	00:14:39	14.65	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	42	y	1	A-	2	00:14:45	14.75	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	43	y	1	C-	2	00:16:26	16.43	00:01:41	1.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	44	y	1	D@	1	00:16:27	16.45	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	45	y	1	Ba	2	00:16:34	16.57	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	46	y	1	Aa	1	00:16:40	16.67	00:00:06	0.1

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	47	y	1	D@	3	00:17:19	17.32	00:00:39	0.65
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	48	y	1	C-	1	00:17:20	17.33	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	49	y	1	B+	1	00:17:24	17.4	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	50	y	1	Fa	4	00:17:33	17.55	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	51	y	1	F@	1	00:17:34	17.57	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	52	y	1	Ca	3	00:28:12	28.2	00:10:38	10.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	53	y	1	Ba	1	00:28:14	28.23	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	54	y	1	D@	2	00:28:23	28.38	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	55	y	1	Ea	1	00:28:30	28.5	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	56	y	1	F@	1	00:28:32	28.53	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	57	y	1	F+	2	00:28:41	28.68	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	58	y	1	F@	2	00:28:46	28.77	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	59	y	1	Ex	2	00:28:57	28.95	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	60	y	1	Fa	1	00:29:15	29.25	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	61	y	1	F@	1	00:29:21	29.35	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	62	y	1	Fa	1	00:29:32	29.53	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	63	y	1	F@	1	00:29:48	29.8	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	64	y	1	F+	2	00:29:53	29.88	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	65	y	1	D+	2	00:29:59	29.98	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	66	y	1	B+	2	00:30:05	30.08	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	67	y	1	A-	1	00:30:10	30.17	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	68	y	1	Cx	3	00:30:31	30.52	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	69	y	1	Ba	1	00:30:33	30.55	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	70	y	1	Aa	1	00:30:37	30.62	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	71	y	1	A-	2	00:30:41	30.68	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	72	y	1	B-	1	00:30:43	30.72	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	73	y	1	D+	2	00:31:00	31	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	74	y	1	F+	2	00:31:14	31.23	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	75	y	1	F@	2	00:31:16	31.27	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	76	y	1	D+	2	00:31:18	31.3	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	77	y	1	B+	2	00:31:28	31.47	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	78	y	1	B-	1	00:31:36	31.6	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	79	y	1	A-	1	00:31:40	31.67	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	80	y	1	B+	1	00:31:46	31.77	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	81	y	1	C-	1	00:58:56	58.93	00:27:10	27.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	82	y	1	D+	1	00:58:58	58.97	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	83	y	1	D@	2	00:59:05	59.08	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	84	y	1	F@	2	00:59:09	59.15	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	85	y	1	Ca	3	01:02:34	62.57	00:03:25	3.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	86	y	1	Fa	3	01:16:24	76.4	00:13:50	13.8333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	87	y	1	Fx	1	01:16:37	76.62	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	88	y	1	Dx	2	01:16:42	76.7	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	89	y	1	Cx	1	01:16:43	76.72	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	90	y	1	Ba	1	01:16:48	76.8	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	91	y	1	B-	2	01:16:50	76.83	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	92	y	1	A+	1	01:17:21	77.35	00:00:31	0.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	93	y	1	B-	1	01:17:23	77.38	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	94	y	1	B+	1	01:17:39	77.65	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	95	y	1	B-	1	01:17:41	77.68	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	96	y	1	A+	1	01:17:46	77.77	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	97	y	1	A+	0	01:17:51	77.85	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	98	y	1	B+	1	01:18:03	78.05	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	99	y	1	A+	1	01:18:09	78.15	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	100	y	1	E@	4	01:18:19	78.32	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	101	y	1	D+	2	01:18:22	78.37	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	102	y	1	A+	3	01:18:27	78.45	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	103	y	1	E+	4	01:47:38	107.63	00:29:11	29.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	104	y	1	Ea	3	01:47:43	107.72	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	105	y	1	Cx	2	01:47:49	107.82	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	106	y	1	Fx	3	01:48:37	108.62	00:00:48	0.8
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	107	y	1	Fa	1	01:48:47	108.78	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	108	y	1	Ea	1	01:48:52	108.87	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	109	y	1	Fx	1	01:49:48	109.8	00:00:56	0.9333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	110	y	1	Fa	1	01:52:58	112.97	00:03:10	3.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	111	y	1	Fx	1	01:53:39	113.65	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	112	y	1	Ea	1	01:53:44	113.73	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	113	y	1	E@	1	01:53:46	113.77	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	114	y	1	E+	2	01:53:51	113.85	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	115	y	1	D+	1	01:53:54	113.9	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	116	y	1	E+	1	01:54:21	114.35	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	117	y	1	C-	2	01:54:44	114.73	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	118	y	1	B-	1	01:56:00	116	00:01:16	1.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	77	R17_B77	sul	sul+	azo-	1	119	y	1	A+	1	01:56:01	116.02	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	1	y	1	B-	NA	01:25:17	85.28	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	2	y	1	A+	1	01:25:27	85.45	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	3	y	1	B-	1	01:25:37	85.62	00:00:10	0.1667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	4	y	1	C-	1	01:25:41	85.68	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	5	y	1	D+	1	01:26:00	86	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	6	y	1	E+	1	01:26:02	86.03	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	7	y	1	E@	2	01:26:07	86.12	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	8	y	1	Ea	1	01:26:14	86.23	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	9	y	1	Fx	1	01:27:15	87.25	00:01:01	1.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	10	y	1	B+	4	01:27:25	87.42	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	11	y	1	C-	1	01:27:31	87.52	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	12	y	1	E@	2	01:27:36	87.6	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	13	y	1	Fa	1	01:27:37	87.62	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	14	y	1	Fx	1	01:27:52	87.87	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	15	y	1	Dx	2	01:28:06	88.1	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	16	y	1	B+	4	01:28:19	88.32	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	17	y	1	A+	1	01:28:32	88.53	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	18	y	1	B+	1	01:28:53	88.88	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	19	y	1	C-	1	01:28:57	88.95	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	20	p	0	A@	2	01:29:12	89.2	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	21	y	1	E@	4	01:31:21	91.35	00:02:09	2.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	22	y	1	E+	2	01:31:26	91.43	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	23	y	1	B+	3	01:31:44	91.73	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	24	y	1	E+	3	01:32:12	92.2	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	25	y	1	Fa	3	01:33:05	93.08	00:00:53	0.8833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	26	y	1	C-	3	01:34:40	94.67	00:01:35	1.5833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	27	y	1	E@	2	01:35:02	95.03	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	28	y	1	E+	2	01:35:11	95.18	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	29	y	1	C-	2	01:35:40	95.67	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	30	y	1	B+	1	01:35:44	95.73	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	31	y	1	A+	1	01:36:01	96.02	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	32	y	1	D+	3	01:36:07	96.12	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	33	y	1	E+	1	01:36:11	96.18	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	34	y	1	B+	3	01:59:30	119.5	00:23:19	23.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	35	y	1	A+	1	01:59:53	119.88	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	36	y	1	E+	4	02:00:06	120.1	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	37	y	1	B-	3	02:00:15	120.25	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	38	y	1	C-	1	02:00:31	120.52	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	39	y	1	C@	1	02:00:38	120.63	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	40	y	1	Fx	3	02:07:09	127.15	00:06:31	6.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	41	y	1	E+	4	02:07:15	127.25	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	80	R17_B80	sul	sul+	azo-	0	42	y	1	D+	1	02:07:57	127.95	00:00:42	0.7
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	1	y	1	C-	NA	00:03:49	3.82	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	2	y	1	B-	1	00:03:57	3.95	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	3	y	1	A-	1	00:04:05	4.08	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	4	y	1	B-	1	00:05:08	5.13	00:01:03	1.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	5	y	1	A-	1	00:05:41	5.68	00:00:33	0.55
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	6	y	1	Ba	2	00:06:00	6	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	7	y	1	Ba	0	00:06:15	6.25	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	8	y	1	Aa	1	00:06:20	6.33	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	9	y	1	B+	3	00:06:30	6.5	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	10	p	0	A@	2	00:06:46	6.77	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	11	y	1	Aa	1	00:06:48	6.8	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	12	y	1	Ba	1	00:06:53	6.88	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	13	y	1	Ca	1	00:07:03	7.05	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	14	p	0	Dx	1	00:07:12	7.2	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	15	y	1	Ex	1	00:07:16	7.27	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	16	y	1	Fa	1	00:07:21	7.35	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	17	y	1	F@	1	00:07:24	7.4	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	18	y	1	B+	4	00:07:35	7.58	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	19	y	1	A-	1	00:07:55	7.92	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	20	y	1	F@	5	00:08:13	8.22	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	21	y	1	F+	2	00:08:17	8.28	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	22	y	1	Aa	5	00:08:45	8.75	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	23	y	1	Cx	2	00:08:49	8.82	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	24	p	0	Ax	2	00:08:59	8.98	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	25	y	1	D+	4	00:09:08	9.13	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	26	y	1	B+	2	00:09:31	9.52	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	27	y	1	F+	4	00:09:44	9.73	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	28	y	1	Ex	4	00:09:51	9.85	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	29	y	1	Cx	2	00:10:04	10.07	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	30	y	1	Ba	1	00:10:08	10.13	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	31	y	1	B-	2	00:10:26	10.43	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	32	y	1	F@	4	00:10:34	10.57	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	33	y	1	Cx	3	00:11:04	11.07	00:00:30	0.5
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	34	y	1	Ca	1	00:11:08	11.13	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	35	y	1	D@	1	00:11:14	11.23	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	36	y	1	D+	2	00:11:20	11.33	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	37	y	1	C-	1	00:11:34	11.57	00:00:14	0.2333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	38	y	1	B+	1	00:11:37	11.62	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	39	y	1	B-	1	00:12:43	12.72	00:01:06	1.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	40	y	1	D+	2	00:12:57	12.95	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	41	y	1	F+	2	00:13:06	13.1	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	42	y	1	Fa	3	00:13:24	13.4	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	43	y	1	Ex	1	00:13:31	13.52	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	44	y	1	Aa	4	00:13:44	13.73	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	45	y	1	B+	3	00:13:55	13.92	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	46	y	1	D+	2	00:14:00	14	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	47	y	1	C-	1	00:14:08	14.13	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	48	y	1	B+	1	00:14:11	14.18	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	49	y	1	D+	2	00:14:17	14.28	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	50	y	1	F+	2	00:14:23	14.38	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	51	y	1	Fa	3	00:14:27	14.45	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	52	y	1	Ex	1	00:14:42	14.7	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	53	y	1	F@	2	00:14:56	14.93	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	54	y	1	F+	2	00:15:04	15.07	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	55	y	1	F@	2	00:15:11	15.18	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	56	y	1	F+	2	00:15:18	15.3	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	57	y	1	B-	4	00:15:47	15.78	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	58	y	1	A-	1	00:16:13	16.22	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	59	y	1	Ba	2	00:16:18	16.3	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	60	y	1	Aa	1	00:16:21	16.35	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	61	y	1	A-	2	00:16:24	16.4	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	62	y	1	F+	5	00:16:33	16.55	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	63	y	1	Cx	4	00:16:55	16.92	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	64	y	1	Fa	3	00:17:06	17.1	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	65	y	1	F+	3	00:17:11	17.18	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	66	y	1	D+	2	00:17:22	17.37	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	67	y	1	F@	2	00:17:52	17.87	00:00:30	0.5
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	68	y	1	Ea	1	00:18:01	18.02	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	69	y	1	Ea	0	00:18:35	18.58	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	70	y	1	D@	1	00:18:41	18.68	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	71	y	1	C-	1	00:18:49	18.82	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	72	y	1	D+	1	00:18:52	18.87	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	73	y	1	F+	2	00:19:01	19.02	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	74	y	1	B-	4	00:19:08	19.13	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	75	y	1	Aa	2	00:19:12	19.2	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	76	y	1	Ba	1	00:19:26	19.43	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	77	y	1	Aa	1	00:19:29	19.48	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	78	y	1	Fa	5	00:19:41	19.68	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	79	y	1	Aa	5	00:19:53	19.88	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	80	p	0	C@	2	00:20:15	20.25	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	81	y	1	Cx	2	00:20:25	20.42	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	82	y	1	Ea	2	00:20:32	20.53	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	83	y	1	Ex	1	00:20:37	20.62	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	84	y	1	Fa	1	00:20:44	20.73	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	85	y	1	C-	3	00:20:50	20.83	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	86	y	1	B+	1	00:21:24	21.4	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	87	y	1	Aa	3	00:21:38	21.63	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	88	y	1	B+	3	00:21:46	21.77	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	89	y	1	B-	1	00:21:57	21.95	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	90	y	1	Ex	3	00:46:43	46.72	00:24:46	24.7667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	91	y	1	Fa	1	00:46:49	46.82	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	92	y	1	F@	1	00:46:59	46.98	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	93	y	1	F+	2	00:47:16	47.27	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	94	y	1	D+	2	00:47:22	47.37	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	95	y	1	B-	2	00:47:43	47.72	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	96	y	1	A-	1	00:47:49	47.82	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	97	y	1	Aa	2	00:47:51	47.85	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	98	y	1	Ba	1	00:47:54	47.9	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	99	y	1	A-	2	00:48:06	48.1	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	100	y	1	A-	0	00:50:34	50.57	00:02:28	2.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	101	y	1	D+	3	01:11:41	71.68	00:21:07	21.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	102	y	1	C-	1	01:11:43	71.72	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	103	y	1	D@	1	01:12:02	72.03	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	104	y	1	Ca	1	01:12:04	72.07	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	105	y	1	Ba	1	01:12:11	72.18	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	106	y	1	Aa	1	01:12:14	72.23	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	107	y	1	A-	2	01:12:18	72.3	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	108	y	1	B+	1	01:12:21	72.35	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	109	y	1	B-	1	01:29:03	89.05	00:16:42	16.7
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	110	y	1	A+	1	01:29:13	89.22	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	111	y	1	B+	1	01:29:15	89.25	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	112	y	1	C-	1	01:29:22	89.37	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	113	y	1	C@	1	01:29:29	89.48	00:00:07	0.1167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	114	y	1	Dx	2	01:29:33	89.55	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	115	y	1	B-	3	01:29:38	89.63	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	116	y	1	B+	1	01:29:43	89.72	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	117	y	1	C-	1	01:29:50	89.83	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	118	y	1	Dx	3	01:29:54	89.9	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	119	y	1	Fa	2	01:29:55	89.92	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	122	y	1	Fx	1	01:40:03	100.05	00:10:08	10.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	120	y	1	Cx	3	01:40:41	100.68	00:00:38	0.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	121	y	1	Fa	3	01:40:57	100.95	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	123	y	1	Dx	2	01:42:39	102.65	00:01:42	1.7
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	124	y	1	Cx	1	01:42:44	102.73	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	125	y	1	Ba	1	01:42:50	102.83	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	126	y	1	B-	2	01:42:55	102.92	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	127	y	1	C-	1	01:43:10	103.17	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	128	y	1	C@	1	01:43:12	103.2	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	129	y	1	E@	2	01:43:19	103.32	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	130	y	1	D+	2	01:44:29	104.48	00:01:10	1.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	83	R17_B83	sul	sul+	azo-	1	131	y	1	Dx	4	01:44:32	104.53	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	1	y	1	Ea	NA	00:05:11	5.18	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	2	y	1	Ex	1	00:06:40	6.67	00:01:29	1.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	3	y	1	Ea	1	00:07:05	7.08	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	4	y	1	Ea	0	00:07:39	7.65	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	5	p	0	A@	4	00:07:59	7.98	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	6	p	0	Fx	5	00:08:30	8.5	00:00:31	0.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	7	y	1	Fa	1	00:08:36	8.6	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	8	y	1	F@	1	00:08:39	8.65	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	9	y	1	F+	2	00:08:54	8.9	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	10	y	1	Ea	3	00:09:47	9.78	00:00:53	0.8833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	11	y	1	F@	1	00:10:02	10.03	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	12	y	1	D@	2	00:10:13	10.22	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	13	p	0	C@	1	00:10:19	10.32	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	14	y	1	B+	2	00:10:23	10.38	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	15	y	1	F+	4	00:10:36	10.6	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	16	y	1	Aa	5	00:10:39	10.65	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	17	y	1	B+	3	00:10:48	10.8	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	18	y	1	D@	2	00:11:00	11	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	19	y	1	Ea	1	00:11:13	11.22	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	20	y	1	Fa	1	00:11:32	11.53	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	21	y	1	Fa	0	00:11:53	11.88	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	22	y	1	F@	1	00:12:00	12	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	23	y	1	Fa	1	00:12:16	12.27	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	24	y	1	D@	2	00:12:17	12.28	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	25	p	0	E@	1	00:12:35	12.58	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	26	y	1	Fa	1	00:12:48	12.8	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	27	y	1	F@	1	00:12:49	12.82	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	28	y	1	Ex	2	00:13:05	13.08	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	29	y	1	Ba	3	00:13:18	13.3	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	30	y	1	Aa	1	00:14:01	14.02	00:00:43	0.7167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	31	y	1	Aa	0	00:14:19	14.32	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	32	y	1	C-	2	00:14:51	14.85	00:00:32	0.5333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	33	y	1	Ca	2	00:15:06	15.1	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	34	y	1	Cx	1	00:15:08	15.13	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	35	y	1	B+	4	00:15:40	15.67	00:00:32	0.5333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	36	y	1	Ex	4	00:15:54	15.9	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	37	y	1	Fa	1	00:16:11	16.18	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	38	y	1	D@	2	00:17:00	17	00:00:49	0.8167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	39	y	1	Ea	1	00:17:04	17.07	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	40	y	1	Ex	1	00:17:07	17.12	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	41	y	1	Cx	2	00:17:14	17.23	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	42	y	1	Ex	2	00:17:54	17.9	00:00:40	0.6667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	43	y	1	Fa	1	00:18:04	18.07	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	44	y	1	Ex	1	00:18:16	18.27	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	45	y	1	Ba	3	00:18:28	18.47	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	46	y	1	Cx	1	00:18:32	18.53	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	47	y	1	Ba	1	00:18:57	18.95	00:00:25	0.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	48	y	1	Ca	1	00:19:04	19.07	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	49	y	1	Cx	1	00:19:17	19.28	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	50	y	1	Ex	2	00:19:32	19.53	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	51	y	1	Ea	1	00:19:35	19.58	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	52	y	1	F@	1	00:19:44	19.73	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	53	y	1	Fa	1	00:20:18	20.3	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	54	y	1	Ex	1	00:27:06	27.1	00:06:48	6.8
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	55	y	1	D@	2	00:27:13	27.22	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	56	y	1	C-	1	00:27:14	27.23	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	57	y	1	Ba	2	00:27:19	27.32	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	58	y	1	Cx	1	00:27:24	27.4	00:00:05	0.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	59	y	1	Ca	1	00:27:38	27.63	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	60	y	1	Aa	2	00:27:56	27.93	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	61	y	1	Ex	4	00:40:44	40.73	00:12:48	12.8
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	62	y	1	Ea	1	00:40:46	40.77	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	63	y	1	Ea	0	00:40:56	40.93	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	64	y	1	Ca	2	00:41:00	41	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	65	y	1	Ba	1	00:41:08	41.13	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	66	y	1	Cx	1	00:41:36	41.6	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	67	y	1	Ca	1	00:41:44	41.73	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	68	y	1	A-	2	00:52:18	52.3	00:10:34	10.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	69	y	1	F+	5	01:03:02	63.03	00:10:44	10.7333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	70	y	1	D+	2	01:03:07	63.12	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	71	y	1	D@	2	01:03:11	63.18	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	72	y	1	Fa	2	01:23:26	83.43	00:20:15	20.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	73	y	1	Cx	3	01:23:29	83.48	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	74	y	1	Ax	2	01:23:34	83.57	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	75	y	1	Ba	1	01:23:38	83.63	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	76	y	1	Dx	2	01:23:44	83.73	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	77	y	1	Cx	1	01:23:47	83.78	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	78	y	1	A+	4	01:24:05	84.08	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	79	y	1	B+	1	01:24:08	84.13	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	80	y	1	C-	1	01:24:13	84.22	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	81	y	1	C@	1	01:24:14	84.23	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	82	y	1	Dx	2	01:24:16	84.27	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	83	y	1	Fx	2	01:32:00	92	00:07:44	7.7333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	84	y	1	Fa	1	01:42:23	102.38	00:10:23	10.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	85	y	1	Fx	1	01:42:34	102.57	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	86	y	1	Dx	2	01:42:44	102.73	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	87	y	1	Fa	2	01:42:59	102.98	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	88	y	1	E@	1	01:43:23	103.38	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	89	y	1	Ex	2	01:43:49	103.82	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	90	y	1	Cx	2	01:43:52	103.87	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	91	y	1	Ba	1	01:44:06	104.1	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	92	y	1	Ax	1	01:44:46	104.77	00:00:40	0.6667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	93	y	1	Cx	2	02:07:05	127.08	00:22:19	22.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	94	y	1	Dx	1	02:07:11	127.18	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	95	y	1	Fx	2	02:07:22	127.37	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	96	y	1	C@	3	02:07:39	127.65	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	97	y	1	C-	1	02:07:46	127.77	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	98	y	1	C@	1	02:07:54	127.9	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	99	y	1	Ba	1	02:08:03	128.05	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	100	y	1	Cx	1	02:08:07	128.12	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	101	y	1	Ba	1	02:08:45	128.75	00:00:38	0.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	102	y	1	C@	1	02:08:47	128.78	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	103	y	1	C-	1	02:09:02	129.03	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	104	y	1	D+	1	02:09:06	129.1	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	105	y	1	E+	1	02:09:16	129.27	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	106	y	1	E@	2	02:09:25	129.42	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	107	y	1	Ea	1	02:09:40	129.67	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	108	y	1	Fx	1	02:09:44	129.73	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	109	y	1	Ea	1	02:09:46	129.77	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	110	y	1	Ba	3	02:09:49	129.82	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	111	y	1	C@	1	02:10:20	130.33	00:00:31	0.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	85	R17_B85	sul	sul+	azo-	1	112	y	1	E+	2	02:10:28	130.47	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	86	R17_B86	sul	sul+	azo-	1	1	y	1	Ca	NA	00:15:07	15.12	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	86	R17_B86	sul	sul+	azo-	1	2	y	1	E@	2	02:03:43	123.72	01:48:36	108.6
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	1	y	1	Ba	NA	01:33:35	93.58	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	2	y	1	Ea	3	01:36:34	96.57	00:02:59	2.9833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	3	y	1	Ea	0	01:45:24	105.4	00:08:50	8.8333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	4	y	1	E@	1	01:46:40	106.67	00:01:16	1.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	5	y	1	Ea	1	01:52:51	112.85	00:06:11	6.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	6	y	1	Fa	1	01:54:48	114.8	00:01:57	1.95
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	7	y	1	Ea	1	01:57:50	117.83	00:03:02	3.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	8	y	1	Fa	1	01:59:18	119.3	00:01:28	1.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	9	y	1	Dx	2	01:59:40	119.67	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	10	y	1	Cx	1	01:59:54	119.9	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	11	y	1	Ea	2	02:00:46	120.77	00:00:52	0.8667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	12	y	1	Dx	1	02:00:55	120.92	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	13	y	1	Cx	1	02:01:47	121.78	00:00:52	0.8667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	14	y	1	Ax	2	02:02:13	122.22	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	15	y	1	Ba	1	02:02:21	122.35	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	16	y	1	C@	1	02:02:27	122.45	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	17	y	1	B-	1	02:02:45	122.75	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	18	y	1	C-	1	02:03:04	123.07	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	19	y	1	B+	1	02:03:26	123.43	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	20	y	1	E+	3	02:03:35	123.58	00:00:09	0.15

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	21	y	1	Fa	3	02:04:15	124.25	00:00:40	0.6667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	22	y	1	Fx	1	02:04:19	124.32	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	23	y	1	Dx	2	02:04:52	124.87	00:00:33	0.55
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	24	y	1	Cx	1	02:05:01	125.02	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	25	y	1	Ba	1	02:05:09	125.15	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	26	y	1	Ax	1	02:05:16	125.27	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	27	y	1	A+	4	02:07:30	127.5	00:02:14	2.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	28	y	1	B+	1	02:07:36	127.6	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	29	y	1	E+	3	02:08:09	128.15	00:00:33	0.55
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	30	y	1	E@	2	02:08:16	128.27	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	31	y	1	Dx	2	02:08:25	128.42	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	32	y	1	Ea	1	02:08:57	128.95	00:00:32	0.5333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	33	y	1	E@	1	02:08:58	128.97	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	34	y	1	E+	2	02:09:03	129.05	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	35	y	1	Ax	4	02:09:09	129.15	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	36	y	1	A+	4	02:09:18	129.3	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	37	y	1	A+	0	02:09:54	129.9	00:00:36	0.6
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	38	y	1	B+	1	02:10:11	130.18	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	39	y	1	E+	3	02:10:28	130.47	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	40	y	1	C-	2	02:10:38	130.63	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	41	y	1	B-	1	02:10:58	130.97	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	42	y	1	A+	1	02:11:02	131.03	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	43	y	1	B+	1	02:11:07	131.12	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	44	y	1	C-	1	02:11:33	131.55	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	45	y	1	D+	1	02:11:34	131.57	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	46	y	1	E@	2	02:11:36	131.6	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	47	y	1	Fa	1	02:11:44	131.73	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	48	y	1	Ba	4	02:11:50	131.83	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	49	y	1	A+	3	02:11:59	131.98	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	50	y	1	B+	1	02:12:06	132.1	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	51	y	1	A+	1	02:12:40	132.67	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	52	y	1	B+	1	02:13:08	133.13	00:00:28	0.4667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	53	y	1	E+	3	02:13:13	133.22	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	54	y	1	Ea	3	02:13:21	133.35	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	55	y	1	E+	3	02:13:23	133.38	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	88	R17_B88	sul	sul+	azo-	1	56	y	1	Fa	3	02:13:32	133.53	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	1	y	1	D+	NA	00:33:41	33.68	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	2	y	1	Ba	3	00:38:17	38.28	00:04:36	4.6
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	3	y	1	F@	4	00:40:24	40.4	00:02:07	2.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	4	y	1	Ca	3	00:40:31	40.52	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	5	y	1	Fa	3	00:44:05	44.08	00:03:34	3.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	6	p	0	Fx	1	00:46:24	46.4	00:02:19	2.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	7	y	1	Ea	1	00:46:27	46.45	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	8	y	1	F@	1	00:48:50	48.83	00:02:23	2.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	9	y	1	Ex	2	00:50:06	50.1	00:01:16	1.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	10	y	1	Fa	1	00:52:22	52.37	00:02:16	2.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	11	y	1	F@	1	00:52:29	52.48	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	12	y	1	F+	2	00:52:44	52.73	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	13	y	1	F@	2	00:54:05	54.08	00:01:21	1.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	14	y	1	Ea	1	00:54:22	54.37	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	15	y	1	Ca	2	00:56:00	56	00:01:38	1.6333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	16	y	1	Ba	1	00:56:09	56.15	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	17	y	1	A-	2	00:56:14	56.23	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	18	y	1	Cx	3	00:56:45	56.75	00:00:31	0.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	19	y	1	Cx	0	00:57:44	57.73	00:00:59	0.9833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	20	y	1	Ca	1	00:57:56	57.93	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	21	y	1	Ba	1	00:58:05	58.08	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	22	y	1	B-	2	00:58:12	58.2	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	23	y	1	C-	1	00:58:18	58.3	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	24	y	1	Ea	2	00:58:24	58.4	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	25	y	1	Ex	1	00:58:44	58.73	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	26	y	1	Fa	1	00:58:53	58.88	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	27	y	1	F@	1	00:59:16	59.27	00:00:23	0.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	28	y	1	F+	2	00:59:27	59.45	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	29	y	1	D+	2	00:59:31	59.52	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	30	y	1	C-	1	01:00:12	60.2	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	31	y	1	B-	1	01:00:17	60.28	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	32	y	1	A-	1	01:00:23	60.38	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	33	y	1	Aa	2	01:01:16	61.27	00:00:53	0.8833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	34	y	1	Cx	2	01:01:26	61.43	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	35	y	1	Ca	1	01:01:31	61.52	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	36	y	1	D@	1	01:01:40	61.67	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	37	y	1	C-	1	01:01:44	61.73	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	38	y	1	B-	1	01:01:47	61.78	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	39	y	1	B+	1	01:01:51	61.85	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	40	y	1	B+	0	01:02:05	62.08	00:00:14	0.2333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	41	y	1	D@	2	01:02:12	62.2	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	42	y	1	Ea	1	01:02:18	62.3	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	43	y	1	Cx	2	01:02:29	62.48	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	44	y	1	A-	3	01:03:05	63.08	00:00:36	0.6
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	45	y	1	Ex	4	01:03:22	63.37	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	46	y	1	Cx	2	01:04:07	64.12	00:00:45	0.75
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	47	y	1	Ea	2	01:04:23	64.38	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	48	y	1	F@	1	01:05:00	65	00:00:37	0.6167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	49	y	1	Fa	1	01:05:55	65.92	00:00:55	0.9167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	50	y	1	Ex	1	01:06:55	66.92	00:01:00	1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	51	y	1	Cx	2	01:06:56	66.93	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	52	y	1	Ca	1	01:07:01	67.02	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	53	y	1	F@	3	01:07:05	67.08	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	54	y	1	Fa	1	01:07:14	67.23	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	55	y	1	Ea	1	01:07:32	67.53	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	56	y	1	Ex	1	01:08:01	68.02	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	57	y	1	Fa	1	01:08:19	68.32	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	58	y	1	F@	1	01:08:23	68.38	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	59	y	1	Fa	1	01:08:44	68.73	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	60	y	1	D+	3	01:08:49	68.82	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	61	y	1	C-	1	01:09:04	69.07	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	62	y	1	Ca	2	01:09:09	69.15	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	63	y	1	Cx	1	01:09:16	69.27	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	64	y	1	Ba	1	01:09:21	69.35	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	65	y	1	Aa	1	01:09:26	69.43	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	66	y	1	A-	2	01:09:41	69.68	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	67	y	1	B-	1	01:09:50	69.83	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	68	y	1	A-	1	01:09:52	69.87	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	69	y	1	B-	1	01:10:00	70	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	70	y	1	C-	1	01:10:02	70.03	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	71	y	1	Ea	2	01:10:24	70.4	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	72	y	1	Ex	1	01:10:50	70.83	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	73	y	1	Fa	1	01:10:54	70.9	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	74	y	1	F@	1	01:11:14	71.23	00:00:20	0.3333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	75	y	1	F+	2	01:11:18	71.3	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	76	y	1	D+	2	01:11:21	71.35	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	77	y	1	C-	1	01:11:23	71.38	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	78	y	1	Dx	3	01:13:24	73.4	00:02:01	2.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	79	y	1	Ea	1	01:13:31	73.52	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	80	y	1	E@	1	01:13:52	73.87	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	81	y	1	E+	2	01:13:56	73.93	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	82	y	1	E+	0	01:15:05	75.08	00:01:09	1.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	83	y	1	Ea	3	01:15:41	75.68	00:00:36	0.6
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	84	y	1	Fx	1	01:15:52	75.87	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	85	y	1	Dx	2	01:15:58	75.97	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	86	y	1	C@	2	01:16:06	76.1	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	91	R17_B91	sul	sul+	azo-	1	87	y	1	B-	1	01:16:40	76.67	00:00:34	0.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	1	y	1	D+	NA	00:15:00	15	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	2	y	1	B+	2	00:15:41	15.68	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	3	y	1	F@	4	00:15:48	15.8	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	4	y	1	Ea	1	00:16:02	16.03	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	5	y	1	Cx	2	00:16:14	16.23	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	6	y	1	Ca	1	00:16:36	16.6	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	7	y	1	A-	2	00:16:50	16.83	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	8	y	1	B-	1	00:16:58	16.97	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	9	y	1	B-	0	00:17:27	17.45	00:00:29	0.4833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	10	y	1	C-	1	00:17:43	17.72	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	11	y	1	B+	1	00:17:45	17.75	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	12	y	1	D+	2	00:18:12	18.2	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	13	y	1	F+	2	00:18:25	18.42	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	14	y	1	F@	2	00:18:46	18.77	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	15	y	1	Ex	2	00:19:13	19.22	00:00:27	0.45
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	16	y	1	D@	2	00:19:22	19.37	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	17	y	1	Fa	2	00:19:34	19.57	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	18	y	1	F@	1	00:19:43	19.72	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	19	y	1	Fa	1	00:20:09	20.15	00:00:26	0.4333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	20	y	1	F@	1	00:20:13	20.22	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	21	y	1	F+	2	00:20:22	20.37	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	22	y	1	Cx	4	00:21:01	21.02	00:00:39	0.65
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	23	y	1	Ex	2	00:21:13	21.22	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	24	y	1	Fa	1	00:21:35	21.58	00:00:22	0.3667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	25	y	1	F@	1	00:21:41	21.68	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	26	y	1	C-	3	00:21:53	21.88	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	27	y	1	Ba	2	00:22:03	22.05	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	28	p	0	Ax	1	00:22:19	22.32	00:00:16	0.2667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	29	y	1	Aa	1	00:22:22	22.37	00:00:03	0.05

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	30	y	1	Fa	5	00:22:30	22.5	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	31	y	1	F+	3	00:22:44	22.73	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	32	y	1	F@	2	00:23:35	23.58	00:00:51	0.85
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	33	y	1	Fa	1	00:24:16	24.27	00:00:41	0.6833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	34	p	0	E@	1	00:24:20	24.33	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	35	y	1	D@	1	00:24:28	24.47	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	36	y	1	Cx	2	00:24:46	24.77	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	37	y	1	Ba	1	00:24:53	24.88	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	38	y	1	B-	2	00:24:58	24.97	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	39	y	1	Aa	2	00:25:01	25.02	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	40	p	0	A@	1	00:25:22	25.37	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	41	y	1	A-	1	00:25:24	25.4	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	42	p	0	A+	1	00:25:30	25.5	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	43	y	1	F@	5	00:27:04	27.07	00:01:34	1.5667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	44	y	1	D@	2	00:27:17	27.28	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	45	p	0	D-	1	00:27:21	27.35	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	46	y	1	D+	1	00:27:22	27.37	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	47	y	1	F+	2	00:27:30	27.5	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	48	y	1	F@	2	00:27:33	27.55	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	49	y	1	Cx	3	00:27:51	27.85	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	50	y	1	Ba	1	00:27:54	27.9	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	51	y	1	A-	2	00:28:00	28	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	52	y	1	B-	1	00:28:18	28.3	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	53	y	1	B+	1	00:28:25	28.42	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	54	y	1	A-	1	00:28:28	28.47	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	55	y	1	Aa	2	00:28:34	28.57	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	56	y	1	A-	2	00:28:38	28.63	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	57	y	1	B+	1	00:28:49	28.82	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	58	p	0	C+	1	00:28:53	28.88	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	59	y	1	D+	1	00:28:55	28.92	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	60	y	1	D+	0	00:29:06	29.1	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	61	y	1	F+	2	00:29:17	29.28	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	62	p	0	E+	1	00:29:23	29.38	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	63	y	1	D+	1	00:29:42	29.7	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	64	y	1	D+	0	00:29:45	29.75	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	65	y	1	C-	1	00:29:56	29.93	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	66	y	1	B-	1	00:30:08	30.13	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	67	y	1	B+	1	00:30:18	30.3	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	68	y	1	A-	1	00:30:24	30.4	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	69	y	1	B+	1	00:30:27	30.45	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	70	y	1	C-	1	00:30:30	30.5	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	71	y	1	B-	1	00:31:03	31.05	00:00:33	0.55
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	72	y	1	C-	1	00:31:20	31.33	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	73	y	1	D+	1	00:31:30	31.5	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	74	y	1	C-	1	00:31:45	31.75	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	75	y	1	B-	1	00:31:59	31.98	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	76	y	1	B+	1	00:32:00	32	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	77	y	1	A-	1	00:32:01	32.02	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	78	y	1	A-	0	00:32:16	32.27	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	79	y	1	Aa	2	00:32:19	32.32	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	80	y	1	Ba	1	00:32:23	32.38	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	81	y	1	Aa	1	00:32:44	32.73	00:00:21	0.35
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	82	y	1	D@	3	00:33:02	33.03	00:00:18	0.3
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	83	y	1	Ea	1	00:33:05	33.08	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	84	y	1	Ex	1	00:33:20	33.33	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	85	y	1	Ea	1	00:33:23	33.38	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	86	y	1	Fa	1	00:33:25	33.42	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	87	y	1	F@	1	00:33:28	33.47	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	88	y	1	F+	2	00:33:31	33.52	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	89	y	1	D+	2	00:33:34	33.57	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	90	y	1	C-	1	00:33:39	33.65	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	91	y	1	B+	1	00:33:45	33.75	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	92	y	1	C-	1	00:33:50	33.83	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	93	y	1	D@	1	00:34:05	34.08	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	94	y	1	Ca	1	00:34:10	34.17	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	95	y	1	Ba	1	00:34:16	34.27	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	96	y	1	Aa	1	00:34:19	34.32	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	97	y	1	A-	2	00:34:33	34.55	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	98	y	1	A-	0	00:34:45	34.75	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	99	y	1	Aa	2	00:34:48	34.8	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	100	y	1	Cx	2	00:34:50	34.83	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	101	y	1	Fa	3	00:34:55	34.92	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	102	y	1	Fa	0	00:35:12	35.2	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	103	y	1	F@	1	00:35:19	35.32	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	104	y	1	F+	2	00:35:31	35.52	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	105	y	1	D@	2	00:35:33	35.55	00:00:02	0.0333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	106	y	1	C-	1	00:35:38	35.63	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	107	y	1	B+	1	00:35:42	35.7	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	108	y	1	F@	4	00:35:52	35.87	00:00:10	0.1667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	109	y	1	Ea	1	00:35:55	35.92	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	110	y	1	D@	1	00:35:59	35.98	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	111	y	1	Ex	2	00:36:04	36.07	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	112	y	1	Aa	4	00:36:40	36.67	00:00:36	0.6
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	113	y	1	A-	2	00:36:45	36.75	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	114	y	1	B+	1	00:37:43	37.72	00:00:58	0.9667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	115	y	1	B-	1	00:37:57	37.95	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	116	y	1	Ca	2	00:38:10	38.17	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	117	y	1	Cx	1	00:38:12	38.2	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	118	y	1	Aa	2	00:38:19	38.32	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	119	y	1	F+	5	00:38:27	38.45	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	120	y	1	F@	2	00:38:39	38.65	00:00:12	0.2
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	121	y	1	Ea	1	00:38:45	38.75	00:00:06	0.1
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	122	y	1	C-	2	00:39:00	39	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	123	y	1	D+	1	00:39:04	39.07	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	124	y	1	F+	2	00:39:05	39.08	00:00:01	0.0167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	125	y	1	F@	2	00:39:07	39.12	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	126	y	1	Aa	5	00:39:15	39.25	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	127	y	1	A-	2	00:39:17	39.28	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	128	y	1	Ba	2	00:40:36	40.6	00:01:19	1.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	129	y	1	B-	2	00:40:39	40.65	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	130	y	1	Aa	2	00:40:47	40.78	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	131	y	1	Cx	2	00:40:49	40.82	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	132	y	1	Cx	0	00:41:06	41.1	00:00:17	0.2833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	133	y	1	Ex	2	00:41:15	41.25	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	134	y	1	Fa	1	00:41:19	41.32	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	135	y	1	Cx	3	00:41:24	41.4	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	136	y	1	Ba	1	00:41:37	41.62	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	137	y	1	Cx	1	00:41:48	41.8	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	138	y	1	Fa	3	00:41:56	41.93	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	139	y	1	F+	3	00:42:11	42.18	00:00:15	0.25
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	140	y	1	D+	2	00:42:25	42.42	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	141	y	1	Cx	4	00:42:36	42.6	00:00:11	0.1833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	142	y	1	Ca	1	00:42:40	42.67	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	143	y	1	B+	3	01:05:35	65.58	00:22:55	22.9167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	144	y	1	E+	3	01:18:06	78.1	00:12:31	12.5167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	145	y	1	E@	2	01:18:08	78.13	00:00:02	0.0333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	146	y	1	B-	3	01:18:11	78.18	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	147	y	1	Ax	3	01:18:24	78.4	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	148	y	1	Ba	1	01:19:03	79.05	00:00:39	0.65
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	92	R17_B92	sul	sul+	azo-	1	149	y	1	Ax	1	01:19:10	79.17	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	1	y	1	F+	NA	00:27:44	27.73	NA	NA
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	2	y	1	F+	0	00:27:58	27.97	00:00:14	0.2333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	3	y	1	D+	2	00:28:07	28.12	00:00:09	0.15
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	4	y	1	Fa	3	00:28:20	28.33	00:00:13	0.2167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	5	y	1	F@	1	00:28:44	28.73	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	6	y	1	Cx	3	00:28:51	28.85	00:00:07	0.1167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	7	y	1	Ea	2	00:29:28	29.47	00:00:37	0.6167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	8	y	1	D@	1	00:30:51	30.85	00:01:23	1.3833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	9	y	1	Ex	2	00:31:10	31.17	00:00:19	0.3167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	10	y	1	Ex	0	00:32:50	32.83	00:01:40	1.6667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	11	y	1	F+	4	00:35:47	35.78	00:02:57	2.95
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	12	y	1	Fa	3	00:37:39	37.65	00:01:52	1.8667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	13	y	1	Ea	1	00:37:42	37.7	00:00:03	0.05
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	14	y	1	Ex	1	00:46:14	46.23	00:08:32	8.5333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	15	y	1	C@	2	01:30:53	90.88	00:44:39	44.65
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	16	y	1	E@	2	01:31:01	91.02	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	17	y	1	D+	2	01:32:06	92.1	00:01:05	1.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	18	y	1	B-	2	01:32:30	92.5	00:00:24	0.4
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	19	y	1	C-	1	01:32:34	92.57	00:00:04	0.0667
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	20	y	1	C@	1	01:37:59	97.98	00:05:25	5.4167
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	21	y	1	E+	2	01:38:07	98.12	00:00:08	0.1333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	22	y	1	Fx	4	02:06:03	126.05	00:27:56	27.9333
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	1	23	y	1	E+	4	02:06:08	126.13	00:00:05	0.0833
07.06.2021	R17	yellow	2	33	13:35	15:50	02:15	60	75	0	44	93	R17_B93	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	1	y	0	A@	NA	02:05:11	125.18	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	2	p	1	E-	4	02:05:22	125.37	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	3	p	1	F+	1	02:06:04	126.07	00:00:42	0.7
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	4	p	1	D+	2	02:07:35	127.58	00:01:31	1.5167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	5	y	0	F-	2	02:12:44	132.73	00:05:09	5.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	6	y	0	A@	5	02:14:40	134.67	00:01:56	1.9333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	7	p	1	Aa	1	02:16:22	136.37	00:01:42	1.7
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	8	p	1	Ax	1	02:17:39	137.65	00:01:17	1.2833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	9	y	0	E+	4	02:18:34	138.57	00:00:55	0.9167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	10	p	1	B-	3	02:18:50	138.83	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	11	p	1	Aa	2	02:23:40	143.67	00:04:50	4.8333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	12	p	1	Bx	1	02:25:12	145.2	00:01:32	1.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	13	p	1	Da	2	02:33:16	153.27	00:08:04	8.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	14	p	1	D-	2	02:35:13	155.22	00:01:57	1.95
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	15	p	1	C@	1	02:36:28	156.47	00:01:15	1.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	16	p	1	B-	1	02:36:50	156.83	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	17	p	1	A-	1	02:37:20	157.33	00:00:30	0.5
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	18	p	1	D-	3	02:38:45	158.75	00:01:25	1.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	19	p	1	A-	3	02:39:15	159.25	00:00:30	0.5
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	20	p	1	Aa	2	02:39:31	159.52	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	21	p	1	Ax	1	02:39:45	159.75	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	22	p	1	Bx	1	02:40:33	160.55	00:00:48	0.8
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	23	p	1	A-	3	02:40:48	160.8	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	24	p	1	B-	1	02:41:23	161.38	00:00:35	0.5833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	25	p	1	E-	3	02:42:31	162.52	00:01:08	1.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	26	p	1	B-	3	02:46:20	166.33	00:03:49	3.8167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	27	p	1	B@	1	02:46:55	166.92	00:00:35	0.5833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	28	p	1	C@	1	02:47:23	167.38	00:00:28	0.4667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	29	p	1	B@	1	02:47:41	167.68	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	30	p	1	Bx	2	02:48:09	168.15	00:00:28	0.4667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	31	p	1	Aa	1	02:48:27	168.45	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	32	p	1	Bx	1	02:48:34	168.57	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	33	p	1	A-	3	02:49:17	169.28	00:00:43	0.7167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	34	p	1	Da	3	02:49:49	169.82	00:00:32	0.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	35	p	1	C+	3	02:50:22	170.37	00:00:33	0.55
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	36	p	1	A-	2	02:52:59	172.98	00:02:37	2.6167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	37	p	1	Aa	2	02:53:16	173.27	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	38	p	1	Bx	1	02:53:23	173.38	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	39	p	1	Ax	1	02:54:12	174.2	00:00:49	0.8167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	40	p	1	Bx	1	02:54:36	174.6	00:00:24	0.4
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	41	p	1	Aa	1	02:55:13	175.22	00:00:37	0.6167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	42	p	1	A-	2	02:55:29	175.48	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	43	p	1	B-	1	02:55:48	175.8	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	44	p	1	Aa	2	02:56:19	176.32	00:00:31	0.5167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	45	p	1	Ax	1	02:57:46	177.77	00:01:27	1.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	46	p	1	Ex	4	02:58:08	178.13	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	47	p	1	D-	3	02:58:56	178.93	00:00:48	0.8
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	48	p	1	Aa	3	03:01:06	181.1	00:02:10	2.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	49	p	1	Ax	1	03:01:25	181.42	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	50	p	1	Bx	1	03:01:37	181.62	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	51	p	1	Ax	1	03:01:57	181.95	00:00:20	0.3333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	52	p	1	Bx	1	03:02:20	182.33	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	53	p	1	Ax	1	03:02:45	182.75	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	54	p	1	Aa	1	03:03:00	183	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	10	R4_B10	azo	sul-	azo+	1	55	p	1	A-	2	03:04:27	184.45	00:01:27	1.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	1	p	1	Ex	NA	00:21:07	21.12	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	2	p	1	Da	1	00:21:33	21.55	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	3	p	1	B@	2	00:21:40	21.67	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	4	p	1	A-	1	00:23:29	23.48	00:01:49	1.8167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	5	p	1	A+	1	00:24:55	24.92	00:01:26	1.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	6	p	1	Ax	4	00:25:16	25.27	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	7	p	1	D@	3	00:26:12	26.2	00:00:56	0.9333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	8	p	1	F@	2	00:27:00	27	00:00:48	0.8
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	9	p	1	Fx	2	00:27:24	27.4	00:00:24	0.4
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	10	p	1	A+	5	00:28:25	28.42	00:01:01	1.0167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	11	p	1	A-	1	00:28:58	28.97	00:00:33	0.55
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	12	p	1	Cx	3	00:29:30	29.5	00:00:32	0.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	13	p	1	Da	1	00:30:12	30.2	00:00:42	0.7
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	14	p	1	E-	2	00:30:58	30.97	00:00:46	0.7667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	15	p	1	F+	1	00:31:27	31.45	00:00:29	0.4833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	16	p	1	F@	2	00:31:32	31.53	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	17	p	1	Cx	3	00:43:04	43.07	00:11:32	11.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	18	p	1	Aa		00:43:14	43.23	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	19	p	1	Cx	2	00:43:26	43.43	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	20	p	1	Ca	1	00:43:30	43.5	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	21	p	1	A+	3	00:43:48	43.8	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	22	p	1	Aa	3	00:44:23	44.38	00:00:35	0.5833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	23	p	1	B@	1	02:45:20	165.33	02:00:57	120.95
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	24	p	1	A-	1	02:46:36	166.6	00:01:16	1.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	25	p	1	Aa	2	02:46:43	166.72	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	11	R4_B11	azo	sul-	azo+	1	26	p	1	C+	3	02:46:57	166.95	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	1	p	1	Da	NA	00:09:28	9.47	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	2	p	1	Ex	1	00:10:34	10.57	00:01:06	1.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	3	p	1	Fx	1	00:11:55	11.92	00:01:21	1.35

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	4	p	1	Fx	0	00:13:17	13.28	00:01:22	1.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	5	p	1	F@	2	00:14:28	14.47	00:01:11	1.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	6	p	1	D@	2	00:15:25	15.42	00:00:57	0.95
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	7	p	1	C-	1	00:15:52	15.87	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	8	p	1	B@	1	00:16:17	16.28	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	9	p	1	Ax	2	00:16:39	16.65	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	10	p	1	A-	3	00:16:50	16.83	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	11	p	1	C-	2	00:17:13	17.22	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	12	p	1	Dx	3	00:17:30	17.5	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	13	p	1	A+	4	00:17:35	17.58	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	14	p	1	A+	0	00:17:45	17.75	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	15	p	1	F+	5	00:18:49	18.82	00:01:04	1.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	16	p	1	C+	3	00:18:52	18.87	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	17	p	1	A+	2	00:18:55	18.92	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	18	p	1	A-	1	00:18:58	18.97	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	19	p	1	Ax	3	00:19:03	19.05	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	20	p	1	A+	4	00:19:11	19.18	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	21	p	1	Ax	4	00:19:29	19.48	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	22	p	1	Ax	0	00:19:56	19.93	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	23	p	1	B@	2	00:20:15	20.25	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	24	p	1	A-	1	00:20:23	20.38	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	25	p	1	A+	1	00:20:34	20.57	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	26	p	1	Ax	4	00:22:30	22.5	00:01:56	1.9333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	27	p	1	A-	3	00:22:49	22.82	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	28	p	1	Ex	4	00:23:16	23.27	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	29	p	1	Da	1	00:23:25	23.42	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	30	p	1	Cx	1	00:23:34	23.57	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	31	p	1	Ax	2	00:23:47	23.78	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	32	p	1	B@	2	00:23:55	23.92	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	33	p	1	A+	2	00:24:01	24.02	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	34	p	1	C-	2	00:24:07	24.12	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	35	p	1	F+	3	00:24:13	24.22	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	36	p	1	Ex	4	00:24:18	24.3	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	37	p	1	Fx	1	00:24:21	24.35	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	38	p	1	B@	4	00:24:37	24.62	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	39	p	1	Cx	2	00:24:52	24.87	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	40	p	1	Da	1	00:25:00	25	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	41	p	1	A+	3	00:25:20	25.33	00:00:20	0.3333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	42	p	1	A-	1	00:25:22	25.37	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	43	p	1	Da	3	00:26:14	26.23	00:00:52	0.8667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	44	p	1	B@	2	00:26:22	26.37	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	45	p	1	A+	2	00:26:26	26.43	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	46	p	1	Ax	4	00:26:30	26.5	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	47	p	1	A+	4	00:26:37	26.62	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	48	p	1	Ex	4	00:27:22	27.37	00:00:45	0.75
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	49	p	1	Da	1	00:31:01	31.02	00:03:39	3.65
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	50	p	1	Fx	2	00:31:08	31.13	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	51	p	1	Ex	1	00:32:59	32.98	00:01:51	1.85
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	52	p	1	F+	4	00:33:14	33.23	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	53	p	1	E-	1	00:33:40	33.67	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	54	p	1	D@	1	00:33:54	33.9	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	55	p	1	Da	1	00:33:58	33.97	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	56	p	1	Cx	1	00:34:10	34.17	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	57	p	1	Ax	2	00:34:26	34.43	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	58	p	1	Dx	3	00:35:15	35.25	00:00:49	0.8167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	59	p	1	Fx	2	00:35:21	35.35	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	60	p	1	B@	4	00:35:33	35.55	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	61	p	1	Ax	2	00:35:46	35.77	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	62	p	1	Fa	5	00:54:13	54.22	00:18:27	18.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	63	p	1	Ea	1	00:54:24	54.4	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	64	p	1	Cx	2	00:54:29	54.48	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	65	p	1	Aa	2	00:54:36	54.6	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	66	p	1	E@	4	00:55:01	55.02	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	67	p	1	A@	4	01:29:59	89.98	00:34:58	34.9667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	68	p	1	Ax	2	01:30:16	90.27	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	69	p	1	E+	4	01:30:46	90.77	00:00:30	0.5
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	70	p	1	D+	1	01:30:57	90.95	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	71	p	1	C-	1	01:31:05	91.08	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	72	p	1	E+	2	01:31:07	91.12	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	73	p	1	A@	4	01:31:13	91.22	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	74	p	1	Ax	2	01:31:22	91.37	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	75	p	1	Ba	1	01:31:30	91.5	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	76	p	1	A@	1	01:31:41	91.68	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	77	p	1	C-	2	01:31:46	91.77	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	78	p	1	Ba	2	01:53:22	113.37	00:21:36	21.6
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	79	p	1	Aa	1	01:54:18	114.3	00:00:56	0.9333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	80	p	1	C-	2	01:54:27	114.45	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	81	p	1	B+	1	01:54:31	114.52	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	82	p	1	Ax	4	01:54:42	114.7	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	83	p	1	A-	3	02:22:15	142.25	00:27:33	27.55
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	84	p	1	Ax	3	02:22:53	142.88	00:00:38	0.6333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	85	p	1	Bx	1	02:23:12	143.2	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	86	p	1	Aa	1	02:23:18	143.3	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	87	p	1	A-	2	02:23:28	143.47	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	88	p	1	B-	1	02:23:38	143.63	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	89	p	1	B@	1	02:23:46	143.77	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	90	p	1	Bx	2	02:23:51	143.85	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	91	p	1	Ax	1	02:23:59	143.98	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	92	p	1	C+	4	02:24:12	144.2	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	93	p	1	Ax	4	02:45:08	165.13	00:20:56	20.9333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	12	R4_B12	azo	sul-	azo+	1	94	p	1	C+	4	02:45:53	165.88	00:00:45	0.75
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	14	R4_B14	azo	sul-	azo+	1	1	p	1	E-	NA	02:05:51	125.85	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	16	R4_B16	azo	sul-	azo+	1	1	p	1	F+	NA	00:28:40	28.67	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	1	p	1	A-	NA	02:27:14	147.23	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	2	p	1	D-	3	02:36:39	156.65	00:09:25	9.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	3	p	1	Bx	3	02:38:27	158.45	00:01:48	1.8
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	4	p	1	C@	2	02:40:28	160.47	00:02:01	2.0167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	5	p	1	Ex	2	02:41:40	161.67	00:01:12	1.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	6	p	1	Ex	0	02:45:14	165.23	00:03:34	3.5667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	7	p	1	Aa	4	02:45:33	165.55	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	8	p	1	A-	2	02:46:05	166.08	00:00:32	0.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	9	p	1	Fa	5	02:46:25	166.42	00:00:20	0.3333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	10	p	1	D-	2	02:47:10	167.17	00:00:45	0.75
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	11	p	1	B-	2	02:47:44	167.73	00:00:34	0.5667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	12	p	1	C@	1	02:48:07	168.12	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	13	p	1	D-	1	02:48:31	168.52	00:00:24	0.4
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	14	p	1	C@	1	02:49:04	169.07	00:00:33	0.55
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	15	p	1	Ex	2	02:49:29	169.48	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	16	p	1	Fx	1	02:49:50	169.83	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	17	p	1	Da	2	02:50:13	170.22	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	18	p	1	Bx	2	02:50:43	170.72	00:00:30	0.5
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	19	p	1	Ax	1	02:51:00	171	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	20	p	1	Ex	4	02:51:12	171.2	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	21	p	1	Fx	1	02:51:30	171.5	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	22	p	1	Ex	1	02:51:38	171.63	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	23	p	1	Fx	1	02:51:46	171.77	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	24	p	1	Fa	1	02:51:59	171.98	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	19	R4_B19	azo	sul-	azo+	1	25	p	1	Fx	1	02:52:25	172.42	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	23	R4_B23	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	1	p	1	Da	NA	00:22:32	22.53	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	2	p	1	Cx	1	00:23:01	23.02	00:00:29	0.4833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	3	p	1	E-	3	00:23:14	23.23	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	4	p	1	E-	0	00:23:22	23.37	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	5	p	1	D+	1	00:25:04	25.07	00:01:42	1.7
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	6	p	1	E-	1	00:25:54	25.9	00:00:50	0.8333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	7	p	1	D+	1	00:25:58	25.97	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	8	p	1	C-	1	00:26:07	26.12	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	9	p	1	B@	1	00:26:34	26.57	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	10	p	1	Ax	2	00:26:43	26.72	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	11	p	1	Ax	0	00:27:08	27.13	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	12	p	1	Ax	0	00:27:29	27.48	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	13	p	1	A+	4	00:27:51	27.85	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	14	p	1	A-	1	00:28:07	28.12	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	15	p	1	F+	5	00:28:29	28.48	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	16	p	1	Fx	4	00:28:44	28.73	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	17	p	1	A+	5	00:29:26	29.43	00:00:42	0.7
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	18	p	1	Ax	4	00:29:29	29.48	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	19	p	1	Ax	0	00:30:16	30.27	00:00:47	0.7833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	20	p	1	A-	3	00:30:19	30.32	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	21	p	1	A+	1	00:30:35	30.58	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	22	p	1	A-	1	00:30:54	30.9	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	23	p	1	B@	1	00:31:20	31.33	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	24	p	1	C-	1	00:31:58	31.97	00:00:38	0.6333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	25	p	1	D@	1	00:32:17	32.28	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	26	p	1	Da	1	00:32:21	32.35	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	27	p	1	Ex	1	00:33:18	33.3	00:00:57	0.95
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	28	p	1	Ex	0	00:33:48	33.8	00:00:30	0.5
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	29	p	1	Fx	1	00:34:16	34.27	00:00:28	0.4667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	30	p	1	F@	2	00:41:40	41.67	00:07:24	7.4
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	31	p	1	E-	1	00:42:22	42.37	00:00:42	0.7
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	32	p	1	F@	1	01:19:21	79.35	00:36:59	36.9833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	33	p	1	D@	2	01:20:13	80.22	00:00:52	0.8667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	37	R4_B37	mix	sul+	azo+	0	34	p	1	D-	1	01:20:29	80.48	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	1	y	0	B+	NA	00:32:48	32.8	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	2	y	0	Fa	4	00:33:11	33.18	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	3	y	0	F-	2	00:33:28	33.47	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	4	y	0	E+	1	00:33:31	33.52	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	5	y	0	D-	1	00:33:37	33.62	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	6	y	0	Dx	3	00:33:52	33.87	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	7	y	0	A@	3	00:34:20	34.33	00:00:28	0.4667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	8	p	1	A-	1	00:34:24	34.4	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	9	p	1	A+	1	00:36:14	36.23	00:01:50	1.8333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	10	p	1	A-	1	00:36:34	36.57	00:00:20	0.3333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	11	p	1	D@	3	00:37:17	37.28	00:00:43	0.7167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	12	p	1	Da	1	00:37:46	37.77	00:00:29	0.4833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	13	p	1	Cx	1	00:38:12	38.2	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	14	p	1	Ex	2	00:38:30	38.5	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	15	p	1	E-	3	00:39:08	39.13	00:00:38	0.6333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	16	p	1	A+	4	00:39:22	39.37	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	17	p	1	Ax	4	00:39:47	39.78	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	18	p	1	B@	2	00:39:57	39.95	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	19	p	1	A-	1	00:40:10	40.17	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	20	p	1	C-	2	00:40:31	40.52	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	21	p	1	Fx	3	00:40:52	40.87	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	22	p	1	F@	2	00:40:55	40.92	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	23	p	1	E-	1	00:40:58	40.97	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	24	p	1	F-	1	00:43:18	43.3	00:02:20	2.3333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	25	p	1	E+	1	00:43:45	43.75	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	26	p	1	D-	1	00:44:17	44.28	00:00:32	0.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	27	p	1	F-	2	00:44:31	44.52	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	28	p	1	A+	5	00:44:42	44.7	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	29	p	1	Aa	3	00:44:55	44.92	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	30	p	1	Fa	5	00:45:11	45.18	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	31	p	1	Aa	5	00:49:02	49.03	00:03:51	3.85
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	32	p	1	Ca	2	00:49:16	49.27	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	33	p	1	B@	1	00:49:30	49.5	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	34	p	1	Aa	1	00:49:41	49.68	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	35	p	1	B@	1	00:50:10	50.17	00:00:29	0.4833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	36	p	1	B-	1	00:50:21	50.35	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	37	p	1	A+	1	00:50:29	50.48	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	38	p	1	E+	4	00:50:38	50.63	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	39	p	1	B+	3	01:16:24	76.4	00:25:46	25.7667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	40	p	1	C-	1	01:16:39	76.65	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	41	p	1	D@	1	01:16:45	76.75	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	42	p	1	Ca	1	01:16:50	76.83	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	43	p	1	Ba	1	01:17:01	77.02	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	44	p	1	Cx	1	01:17:08	77.13	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	45	p	1	D-	3	02:32:34	152.57	01:15:26	75.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	39	R4_B39	con	sul-	azo-	1	46	p	1	E-	1	02:32:41	152.68	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	1	p	1	E-	NA	00:04:21	4.35	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	2	p	1	F+	1	00:05:24	5.4	00:01:03	1.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	3	p	1	E-	1	00:05:50	5.83	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	4	p	1	Fx	3	00:06:53	6.88	00:01:03	1.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	5	p	1	Ex	1	00:07:00	7	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	6	p	1	D@	2	00:07:15	7.25	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	7	p	1	Da	1	00:07:20	7.33	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	8	p	1	Cx	1	00:07:27	7.45	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	9	p	1	Cx	0	00:07:40	7.67	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	10	p	1	Da	1	00:07:49	7.82	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	11	p	1	F@	2	00:07:58	7.97	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	12	p	1	C-	3	00:08:15	8.25	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	13	p	1	A-	2	00:08:20	8.33	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	14	p	1	A-	0	00:08:28	8.47	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	15	p	1	Ax	3	00:08:37	8.62	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	16	p	1	Da	3	00:09:17	9.28	00:00:40	0.6667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	17	p	1	A+	3	00:09:38	9.63	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	18	p	1	Ax	4	00:09:40	9.67	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	19	p	1	A-	3	00:09:49	9.82	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	20	p	1	A-	0	00:10:12	10.2	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	21	p	1	A+	1	00:10:18	10.3	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	22	p	1	Cx	4	00:10:28	10.47	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	23	p	1	Fx	3	00:10:56	10.93	00:00:28	0.4667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	24	p	1	Fx	0	00:11:16	11.27	00:00:20	0.3333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	25	p	1	F@	2	00:11:18	11.3	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	26	p	1	Fa	1	00:48:32	48.53	00:37:14	37.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	27	p	1	Ea	1	00:48:45	48.75	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	28	p	1	Ca	2	00:48:51	48.85	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	29	p	1	B@	1	00:48:57	48.95	00:00:06	0.1

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	30	p	1	A+	2	00:49:06	49.1	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	31	p	1	Cx	4	00:49:37	49.62	00:00:31	0.5167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	32	p	1	Ca	1	00:49:52	49.87	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	33	p	1	Da	1	00:50:02	50.03	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	34	p	1	E@	1	00:50:13	50.22	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	35	p	1	Fa	1	00:50:25	50.42	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	36	p	1	B@	4	00:50:41	50.68	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	37	p	1	D-	2	01:36:40	96.67	00:45:59	45.9833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	38	p	1	D+	1	01:36:54	96.9	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	39	p	1	E+	1	01:37:30	97.5	00:00:36	0.6
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	40	p	1	Ca	3	01:37:47	97.78	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	41	p	1	A-	2	02:21:05	141.08	00:43:18	43.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	42	p	1	E-	4	02:21:40	141.67	00:00:35	0.5833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	43	p	1	Da	2	02:22:07	142.12	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	44	p	1	Bx	2	02:22:21	142.35	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	45	p	1	Aa	1	02:22:27	142.45	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	46	y	0	Ba	1	02:22:34	142.57	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	47	p	1	C@	1	02:22:45	142.75	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	48	p	1	Aa	2	02:22:56	142.93	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	49	p	1	A-	2	02:23:06	143.1	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	50	p	1	Bx	3	02:24:41	144.68	00:01:35	1.5833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	51	p	1	Ax	1	02:24:58	144.97	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	52	p	1	A-	3	02:25:07	145.12	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	53	p	1	A-	0	02:42:27	162.45	00:17:20	17.3333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	54	p	1	Aa	2	02:42:45	162.75	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	55	p	1	C@	2	02:42:56	162.93	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	56	p	1	Ax	2	02:43:15	163.25	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	57	p	1	E-	4	02:47:22	167.37	00:04:07	4.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	58	p	1	D-	1	02:47:47	167.78	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	59	p	1	C@	1	02:47:55	167.92	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	60	p	1	D-	1	02:48:00	168	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	61	p	1	Da	2	02:48:29	168.48	00:00:29	0.4833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	49	R4_B49	con	sul-	azo-	1	62	p	1	Ex	1	02:48:36	168.6	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	54	R4_B54	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	1	p	1	Fx	NA	02:28:53	148.88	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	2	p	1	Fa	1	02:32:43	152.72	00:03:50	3.8333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	3	y	0	F@	1	02:35:20	155.33	00:02:37	2.6167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	4	y	0	F-	1	02:35:26	155.43	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	5	y	0	E+	1	02:35:35	155.58	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	6	p	1	Da	3	02:35:44	155.73	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	7	p	1	Ex	1	02:35:55	155.92	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	8	p	1	Fx	1	02:36:04	156.07	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	9	p	1	Fa	1	02:36:33	156.55	00:00:29	0.4833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	10	y	0	Dx	2	02:37:08	157.13	00:00:35	0.5833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	11	p	1	C@	2	02:37:25	157.42	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	12	p	1	B-	1	02:37:36	157.6	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	13	p	1	C+	1	02:37:40	157.67	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	14	p	1	D+	1	02:37:47	157.78	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	15	p	1	Fx	4	02:37:58	157.97	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	16	p	1	Ex	1	02:38:16	158.27	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	17	p	1	Fx	1	02:38:35	158.58	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	18	p	1	Ax	5	02:38:56	158.93	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	19	p	1	A-	3	02:39:03	159.05	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	20	p	1	B-	1	02:39:09	159.15	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	21	p	1	D+	2	02:39:17	159.28	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	22	p	1	B@	2	02:39:26	159.43	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	23	p	1	Fa	4	02:39:37	159.62	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	24	p	1	Fx	1	02:39:55	159.92	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	25	p	1	Fa	1	02:40:07	160.12	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	26	p	1	Ex	1	02:40:13	160.22	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	27	y	0	Dx	1	02:40:17	160.28	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	28	p	1	E-	3	02:40:24	160.4	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	29	p	1	Fa	2	02:40:56	160.93	00:00:32	0.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	30	p	1	Ex	1	02:41:20	161.33	00:00:24	0.4
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	31	p	1	E-	3	02:41:29	161.48	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	32	p	1	D+	1	02:41:44	161.73	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	33	p	1	C+	1	02:41:57	161.95	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	34	p	1	Fa	3	02:42:18	162.3	00:00:21	0.35
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	35	p	1	Fa	0	02:42:40	162.67	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	36	p	1	D-	2	02:42:51	162.85	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	37	p	1	A-	3	02:43:20	163.33	00:00:29	0.4833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	38	p	1	Aa	2	02:43:24	163.4	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	39	p	1	Bx	1	02:43:27	163.45	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	40	p	1	Fa	4	02:43:29	163.48	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	41	p	1	Fx	1	02:44:48	164.8	00:01:19	1.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	42	p	1	Fa	1	02:45:22	165.37	00:00:34	0.5667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	43	p	1	Fa	0	02:45:36	165.6	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	44	p	1	Fx	1	02:45:49	165.82	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	45	p	1	E-	3	02:46:15	166.25	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	46	p	1	D-	1	02:46:22	166.37	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	47	p	1	Da	2	02:46:38	166.63	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	48	p	1	C@	1	02:46:45	166.75	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	49	p	1	D-	1	02:46:53	166.88	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	50	p	1	Fa	2	02:47:06	167.1	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	51	p	1	Da	2	02:47:38	167.63	00:00:32	0.5333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	52	p	1	Ex	1	02:48:02	168.03	00:00:24	0.4
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	53	p	1	E-	3	02:48:57	168.95	00:00:55	0.9167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	54	p	1	Fx	3	02:49:06	169.1	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	55	p	1	Fa	1	02:49:10	169.17	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	56	p	1	C@	3	02:49:25	169.42	00:00:15	0.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	57	p	1	B-	1	02:49:42	169.7	00:00:17	0.2833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	58	p	1	E-	3	02:49:52	169.87	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	59	p	1	Fa	2	02:50:03	170.05	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	60	p	1	Ex	1	02:50:12	170.2	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	61	p	1	Fx	1	02:50:35	170.58	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	62	p	1	Ex	1	02:51:08	171.13	00:00:33	0.55
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	63	p	1	Fa	1	02:51:15	171.25	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	64	p	1	E-	2	02:51:37	171.62	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	65	p	1	D-	1	02:52:23	172.38	00:00:46	0.7667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	55	R4_B55	sul	sul+	azo-	1	66	p	1	E-	1	02:52:35	172.58	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	1	y	0	C+	NA	00:56:05	56.08	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	2	y	0	D+	1	00:56:07	56.12	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	3	y	0	A-	3	00:56:16	56.27	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	4	y	0	C+	2	00:57:11	57.18	00:00:55	0.9167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	5	y	0	D+	1	00:57:20	57.33	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	6	y	0	A-	3	00:57:31	57.52	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	7	y	0	C-	2	00:58:02	58.03	00:00:31	0.5167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	8	y	0	D+	1	00:58:10	58.17	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	9	y	0	A@	3	00:58:22	58.37	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	10	y	0	B+	2	00:58:36	58.6	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	11	y	0	C+	1	00:58:46	58.77	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	12	y	0	D+	1	00:58:57	58.95	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	13	y	0	B+	2	00:59:07	59.12	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	14	y	0	A-	1	00:59:10	59.17	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	15	y	0	C-	2	01:02:47	62.78	00:03:37	3.6167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	56	R4_B56	sul	sul+	azo-	1	16	y	0	B+	1	01:02:49	62.82	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	1	p	1	C-	NA	00:06:01	6.02	NA	NA
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	2	p	1	A+	2	00:06:23	6.38	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	3	p	1	B@	2	00:06:28	6.47	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	4	p	1	Cx	2	00:07:07	7.12	00:00:39	0.65
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	5	p	1	Ax	2	00:07:13	7.22	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	6	p	1	D@	3	00:07:35	7.58	00:00:22	0.3667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	7	p	1	Fx	2	00:07:47	7.78	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	8	p	1	A+	5	00:08:03	8.05	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	9	p	1	Da	3	00:08:30	8.5	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	10	y	0	B+	3	00:09:05	9.08	00:00:35	0.5833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	11	p	1	D+	2	00:09:08	9.13	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	12	p	1	F@	2	00:09:54	9.9	00:00:46	0.7667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	13	p	1	Ex	2	00:10:06	10.1	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	14	p	1	Ex	0	00:10:25	10.42	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	15	p	1	Cx	2	00:10:38	10.63	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	16	p	1	A+	4	00:10:44	10.73	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	17	p	1	A-	1	00:11:00	11	00:00:16	0.2667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	18	p	1	Ax	3	00:11:12	11.2	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	19	p	1	C+	4	00:12:05	12.08	00:00:53	0.8833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	20	p	1	C-	1	00:12:28	12.47	00:00:23	0.3833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	21	p	1	F+	3	00:12:53	12.88	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	22	p	1	Cx	4	00:13:03	13.05	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	23	p	1	A-	3	00:13:27	13.45	00:00:24	0.4
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	24	p	1	A+	1	00:14:00	14	00:00:33	0.55
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	25	p	1	F+	5	00:14:09	14.15	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	26	p	1	F@	2	00:14:14	14.23	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	27	p	1	Fx	2	00:14:24	14.4	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	28	p	1	Ex	1	00:14:32	14.53	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	29	p	1	Cx	2	00:14:38	14.63	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	30	p	1	B@	2	00:14:49	14.82	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	31	p	1	A-	1	00:14:54	14.9	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	32	p	1	F+	5	00:15:35	15.58	00:00:41	0.6833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	33	p	1	Da	3	00:16:02	16.03	00:00:27	0.45
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	34	p	1	Ex	1	00:16:20	16.33	00:00:18	0.3
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	35	p	1	Fx	1	00:16:28	16.47	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	36	p	1	F@	2	00:16:32	16.53	00:00:04	0.0667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	37	p	1	C-	3	00:16:34	16.57	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	38	p	1	F@	3	00:16:53	16.88	00:00:19	0.3167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	39	p	1	F@	0	00:17:05	17.08	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	40	p	1	Cx	3	00:17:17	17.28	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	41	p	1	Cx	0	00:27:32	27.53	00:10:15	10.25
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	42	p	1	Da	1	00:27:44	27.73	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	43	p	1	Cx	1	00:27:47	27.78	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	44	p	1	C-	3	00:28:01	28.02	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	45	p	1	Ax	3	00:28:12	28.2	00:00:11	0.1833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	46	p	1	Ax	0	00:28:22	28.37	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	47	p	1	E-	4	00:28:48	28.8	00:00:26	0.4333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	48	p	1	C-	2	00:28:52	28.87	00:00:04	0.0667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	49	p	1	C+	1	00:29:00	29	00:00:08	0.1333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	50	p	1	Fx	4	00:29:09	29.15	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	51	p	1	F@	2	00:29:15	29.25	00:00:06	0.1
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	52	p	1	Ax	5	00:36:06	36.1	00:06:51	6.85
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	53	p	1	Ex	4	00:36:20	36.33	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	54	p	1	Fx	1	00:36:29	36.48	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	55	p	1	Ex	1	00:36:41	36.68	00:00:12	0.2
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	56	p	1	Da	1	00:36:46	36.77	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	57	p	1	C-	2	00:36:53	36.88	00:00:07	0.1167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	58	p	1	B@	1	00:36:55	36.92	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	59	p	1	Ax	2	00:36:58	36.97	00:00:03	0.05
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	60	p	1	A-	3	00:37:23	37.38	00:00:25	0.4167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	61	p	1	A+	1	00:37:25	37.42	00:00:02	0.0333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	62	p	1	C+	2	00:37:35	37.58	00:00:10	0.1667
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	63	p	1	C-	1	00:37:40	37.67	00:00:05	0.0833
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	64	p	1	C+	1	00:37:54	37.9	00:00:14	0.2333
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	65	p	1	D+	1	00:38:07	38.12	00:00:13	0.2167
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	66	p	1	E-	1	00:38:16	38.27	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	57	R4_B57	sul	sul+	azo-	1	67	p	1	D@	1	00:38:25	38.42	00:00:09	0.15
27.04.2021	R4	pink	1	48	13:15	16:15	03:00	180	0	0	100	9	R4_B9	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	1	y	0	A@	NA	00:06:33	6.55	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	2	p	1	E+	4	00:08:18	8.3	00:01:45	1.75
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	3	p	1	D-	1	00:10:15	10.25	00:01:57	1.95
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	4	p	1	C-	1	00:11:52	11.87	00:01:37	1.6167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	5	y	0	C@	1	00:12:15	12.25	00:00:23	0.3833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	6	p	1	B+	2	00:12:26	12.43	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	7	p	1	Ca	3	00:12:39	12.65	00:00:13	0.2167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	8	p	1	Ba	1	00:13:29	13.48	00:00:50	0.8333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	9	p	1	Aa	1	00:13:45	13.75	00:00:16	0.2667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	10	p	1	A-	2	00:13:56	13.93	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	11	p	1	Aa	2	00:14:18	14.3	00:00:22	0.3667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	12	p	1	Bx	1	00:14:42	14.7	00:00:24	0.4
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	13	p	1	Ex	3	00:14:45	14.75	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	14	p	1	Ea	1	00:33:13	33.22	00:18:28	18.4667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	15	p	1	Ea	0	00:33:38	33.63	00:00:25	0.4167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	16	p	1	C-	2	00:33:53	33.88	00:00:15	0.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	17	p	1	D-	1	00:33:56	33.93	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	18	p	1	B@	2	00:34:14	34.23	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	19	p	1	C-	1	00:34:29	34.48	00:00:15	0.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	20	p	1	C-	0	00:44:58	44.97	00:10:29	10.4833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	21	y	0	C@	1	00:45:18	45.3	00:00:20	0.3333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	22	p	1	C-	1	00:45:22	45.37	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	23	p	1	E-	2	01:31:06	91.1	00:45:44	45.7333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	24	p	1	D-	1	01:31:39	91.65	00:00:33	0.55
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	25	p	1	B-	2	01:31:48	91.8	00:00:09	0.15
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	26	p	1	C@	1	01:32:24	92.4	00:00:36	0.6
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	27	p	1	E-	2	01:33:21	93.35	00:00:57	0.95
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	28	p	1	Ea	2	01:34:11	94.18	00:00:50	0.8333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	29	p	1	F@	1	01:42:29	102.48	00:08:18	8.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	12	R5_B12	con	sul-	azo-	1	30	p	1	Bx	4	01:42:50	102.83	00:00:21	0.35
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	1	y	0	Fx	NA	00:05:00	5	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	2	p	1	F@	2	00:05:29	5.48	00:00:29	0.4833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	3	p	1	Ex	2	00:06:01	6.02	00:00:32	0.5333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	4	p	1	Ba	3	00:06:24	6.4	00:00:23	0.3833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	5	p	1	B+	3	00:06:40	6.67	00:00:16	0.2667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	6	p	1	C-	1	00:06:58	6.97	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	7	p	1	B@	1	00:07:08	7.13	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	8	p	1	D-	2	00:07:15	7.25	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	9	p	1	E+	1	00:07:38	7.63	00:00:23	0.3833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	10	p	1	F+	1	00:07:42	7.7	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	11	p	1	B+	4	00:07:58	7.97	00:00:16	0.2667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	12	p	1	C-	1	00:08:15	8.25	00:00:17	0.2833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	13	p	1	C-	0	00:10:22	10.37	00:02:07	2.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	14	p	1	Da	2	00:10:47	10.78	00:00:25	0.4167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	15	p	1	Dx	1	00:11:14	11.23	00:00:27	0.45
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	16	p	1	Ca	1	00:11:21	11.35	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	17	p	1	A-	2	00:49:11	49.18	00:37:50	37.8333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	18	p	1	Bx	3	00:49:26	49.43	00:00:15	0.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	19	p	1	Ba	1	00:49:31	49.52	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	20	p	1	B@	1	00:49:33	49.55	00:00:02	0.0333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	21	p	1	Bx	2	00:49:41	49.68	00:00:08	0.1333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	22	p	1	D+	4	01:32:45	92.75	00:43:04	43.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	23	p	1	D+	0	01:33:35	93.58	00:00:50	0.8333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	24	p	1	D-	1	01:34:04	94.07	00:00:29	0.4833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	25	p	1	B-	2	01:34:18	94.3	00:00:14	0.2333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	26	p	1	B-	0	01:34:36	94.6	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	15	R5_B15	con	sul-	azo-	0	27	p	1	F@	4	01:34:47	94.78	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	1	y	0	F-	NA	00:38:11	38.18	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	2	p	1	A-	5	00:38:36	38.6	00:00:25	0.4167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	3	y	0	A+	1	00:39:17	39.28	00:00:41	0.6833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	4	p	1	A-	1	00:39:25	39.42	00:00:08	0.1333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	5	y	0	A@	1	00:39:30	39.5	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	6	p	1	Aa	1	00:39:33	39.55	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	7	p	1	Bx	1	00:39:45	39.75	00:00:12	0.2
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	8	p	1	B@	2	00:40:02	40.03	00:00:17	0.2833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	9	p	1	B@	0	00:40:31	40.52	00:00:29	0.4833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	10	y	0	A@	1	00:40:36	40.6	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	11	p	1	B@	1	00:41:11	41.18	00:00:35	0.5833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	12	p	1	B-	1	01:57:03	117.05	01:15:52	75.8667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	13	y	0	B+	1	01:58:28	118.47	00:01:25	1.4167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	14	p	1	D+	2	01:58:40	118.67	00:00:12	0.2
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	15	p	1	E-	1	01:59:14	119.23	00:00:34	0.5667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	16	p	1	E+	1	01:59:53	119.88	00:00:39	0.65
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	17	p	1	A+	4	02:00:16	120.27	00:00:23	0.3833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	18	p	1	F@	5	02:00:35	120.58	00:00:19	0.3167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	19	p	1	Dx	2	02:02:09	122.15	00:01:34	1.5667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	20	p	1	C@	2	02:03:16	123.27	00:01:07	1.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	21	p	1	B-	1	02:03:39	123.65	00:00:23	0.3833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	22	p	1	A+	1	02:04:42	124.7	00:01:03	1.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	23	p	1	Ea	4	02:06:08	126.13	00:01:26	1.4333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	24	p	1	D-	2	02:06:12	126.2	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	25	p	1	F@	2	02:09:16	129.27	00:03:04	3.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	26	p	1	E+	2	02:09:50	129.83	00:00:34	0.5667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	27	p	1	Da	3	02:09:56	129.93	00:00:06	0.1
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	28	p	1	C@	1	02:10:00	130	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	29	p	1	B-	1	02:10:10	130.17	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	30	p	1	A+	1	02:10:20	130.33	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	31	p	1	B-	1	02:10:25	130.42	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	32	p	1	F@	4	02:10:32	130.53	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	33	p	1	F@	0	02:11:50	131.83	00:01:18	1.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	34	p	1	E-	1	02:11:55	131.92	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	17	R5_B17	con	sul-	azo-	1	35	p	1	D-	1	02:11:57	131.95	00:00:02	0.0333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	19	R5_B19	con	sul-	azo-	1	1	y	0	D@	NA	00:28:55	28.92	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	1	p	1	F+	NA	00:14:02	14.03	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	2	p	1	E+	1	00:15:58	15.97	00:01:56	1.9333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	3	p	1	Bx	4	00:16:20	16.33	00:00:22	0.3667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	4	p	1	F@	4	00:17:04	17.07	00:00:44	0.7333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	5	p	1	B@	4	00:17:58	17.97	00:00:54	0.9
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	6	p	1	Aa	1	00:18:19	18.32	00:00:21	0.35
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	7	p	1	A-	2	00:18:30	18.5	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	8	p	1	F+	5	00:18:43	18.72	00:00:13	0.2167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	9	p	1	D-	2	00:19:02	19.03	00:00:19	0.3167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	10	p	1	F+	2	00:19:39	19.65	00:00:37	0.6167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	11	p	1	Ex	4	00:19:55	19.92	00:00:16	0.2667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	12	p	1	Da	1	00:20:59	20.98	00:01:04	1.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	13	p	1	Bx	2	00:21:01	21.02	00:00:02	0.0333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	14	p	1	Ba	1	00:21:15	21.25	00:00:14	0.2333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	15	p	1	D-	2	00:22:26	22.43	00:01:11	1.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	16	p	1	F+	2	00:22:53	22.88	00:00:27	0.45
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	17	p	1	Ex	4	00:23:06	23.1	00:00:13	0.2167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	18	p	1	F@	2	00:23:10	23.17	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	19	p	1	Ea	1	00:23:27	23.45	00:00:17	0.2833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	20	p	1	Ex	1	00:23:36	23.6	00:00:09	0.15
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	21	p	1	Ex	0	00:26:22	26.37	00:02:46	2.7667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	22	p	1	Ea	1	00:26:37	26.62	00:00:15	0.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	23	p	1	Da	1	00:54:28	54.47	00:27:51	27.85
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	24	p	1	Bx	2	00:54:38	54.63	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	21	R5_B21	con	sul-	azo-	1	25	p	1	B@	2	00:55:22	55.37	00:00:44	0.7333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	25	R5_B25	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	1	p	1	A-	NA	00:05:55	5.92	NA	NA

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	2	p	1	A-	0	00:06:19	6.32	00:00:24	0.4
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	3	y	0	A+	1	00:07:05	7.08	00:00:46	0.7667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	4	p	1	Ba	3	00:07:23	7.38	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	5	p	1	Bx	1	00:07:34	7.57	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	6	p	1	Ba	1	00:07:54	7.9	00:00:20	0.3333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	7	p	1	B@	1	00:08:03	8.05	00:00:09	0.15
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	8	p	1	Aa	1	00:08:30	8.5	00:00:27	0.45
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	9	p	1	A-	2	00:09:45	9.75	00:01:15	1.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	10	p	1	B@	1	00:09:59	9.98	00:00:14	0.2333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	11	p	1	Ca	1	00:10:12	10.2	00:00:13	0.2167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	12	p	1	Ea	2	00:10:24	10.4	00:00:12	0.2
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	13	p	1	B@	3	00:10:33	10.55	00:00:09	0.15
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	14	p	1	A-	1	00:21:28	21.47	00:10:55	10.9167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	15	p	1	B@	1	00:21:33	21.55	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	16	p	1	B@	0	00:21:45	21.75	00:00:12	0.2
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	17	p	1	D-	2	00:21:53	21.88	00:00:08	0.1333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	18	p	1	Ea	2	00:21:55	21.92	00:00:02	0.0333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	19	p	1	F@	1	00:22:06	22.1	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	20	p	1	C@	3	01:09:24	69.4	00:47:18	47.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	21	p	1	Ba	1	01:09:28	69.47	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	22	p	1	Ax	1	01:09:33	69.55	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	23	p	1	Ba	1	01:09:36	69.6	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	24	p	1	Cx	1	01:09:41	69.68	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	25	p	1	Dx	1	01:10:10	70.17	00:00:29	0.4833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	26	p	1	Ea	1	01:10:13	70.22	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	27	p	1	Ba	3	01:10:40	70.67	00:00:27	0.45
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	28	p	1	Ba	0	01:11:20	71.33	00:00:40	0.6667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	29	p	1	E-	3	01:11:28	71.47	00:00:08	0.1333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	30	p	1	E-	0	01:11:48	71.8	00:00:20	0.3333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	31	p	1	B-	3	01:44:03	104.05	00:32:15	32.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	32	p	1	D-	2	01:44:21	104.35	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	33	p	1	F@	2	01:44:26	104.43	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	34	p	1	D+	2	01:44:35	104.58	00:00:09	0.15
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	35	p	1	E-	1	01:44:55	104.92	00:00:20	0.3333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	36	p	1	F@	1	01:45:11	105.18	00:00:16	0.2667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	37	p	1	Cx	3	01:45:42	105.7	00:00:31	0.5167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	26	R5_B26	sul	sul+	azo-	1	38	p	1	B-	3	01:45:49	105.82	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	27	R5_B27	sul	sul+	azo-	1	1	p	1	A+	NA	02:22:44	142.73	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	32	R5_B32	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	1	p	1	F+	NA	00:15:50	15.83	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	2	y	0	F-	1	00:17:18	17.3	00:01:28	1.4667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	3	y	0	D@	2	00:17:28	17.47	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	4	p	1	Da	1	00:17:36	17.6	00:00:08	0.1333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	5	y	0	Cx	1	00:18:16	18.27	00:00:40	0.6667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	6	y	0	Dx	1	00:18:28	18.47	00:00:12	0.2
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	7	p	1	Ba	2	00:18:34	18.57	00:00:06	0.1
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	8	y	0	Cx	1	00:20:36	20.6	00:02:02	2.0333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	9	y	0	D+	4	00:20:47	20.78	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	10	p	1	C-	1	00:21:07	21.12	00:00:20	0.3333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	11	p	1	D-	1	00:25:53	25.88	00:04:46	4.7667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	12	p	1	C-	1	00:26:15	26.25	00:00:22	0.3667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	13	p	1	D-	1	00:53:55	53.92	00:27:40	27.6667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	33	R5_B33	sul	sul+	azo-	1	14	p	1	F+	2	00:54:41	54.68	00:00:46	0.7667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	35	R5_B35	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	1	y	0	Fa	NA	00:18:59	18.98	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	2	y	0	Fx	1	00:19:12	19.2	00:00:13	0.2167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	3	y	0	Ax	5	00:24:10	24.17	00:04:58	4.9667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	4	y	0	Cx	2	00:24:16	24.27	00:00:06	0.1
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	5	y	0	Cx	0	00:25:45	25.75	00:01:29	1.4833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	6	y	0	E-	3	00:26:11	26.18	00:00:26	0.4333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	7	p	1	C-	2	00:26:58	26.97	00:00:47	0.7833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	8	y	0	C+	1	00:29:23	29.38	00:02:25	2.4167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	9	y	0	F-	3	00:29:30	29.5	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	10	y	0	Dx	3	00:29:35	29.58	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	11	p	1	Ca	1	00:29:57	29.95	00:00:22	0.3667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	12	y	0	E-	2	00:30:18	30.3	00:00:21	0.35
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	13	p	1	Ex	3	00:30:36	30.6	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	14	p	1	Ex	0	00:33:36	33.6	00:03:00	3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	15	p	1	Ea	1	00:33:46	33.77	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	16	y	0	Fx	1	00:34:17	34.28	00:00:31	0.5167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	17	y	0	E@	2	00:34:22	34.37	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	18	y	0	Cx	2	00:34:42	34.7	00:00:20	0.3333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	19	p	1	Ca	1	00:34:45	34.75	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	20	p	1	Ca	0	00:36:02	36.03	00:01:17	1.2833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	21	p	1	Ca	0	00:36:35	36.58	00:00:33	0.55
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	22	p	1	C-	2	00:37:24	37.4	00:00:49	0.8167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	23	p	1	B@	1	00:37:57	37.95	00:00:33	0.55
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	24	p	1	Aa	1	00:38:53	38.88	00:00:56	0.9333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	25	p	1	Ba	1	00:39:11	39.18	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	26	p	1	A-	2	00:39:49	39.82	00:00:38	0.6333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	27	y	0	A+	1	00:40:10	40.17	00:00:21	0.35
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	28	p	1	Aa	3	00:40:14	40.23	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	29	y	0	Ax	1	00:40:39	40.65	00:00:25	0.4167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	30	p	1	Bx	1	00:40:49	40.82	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	31	p	1	Ba	1	00:41:47	41.78	00:00:58	0.9667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	32	p	1	Bx	1	00:42:05	42.08	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	33	p	1	Aa	1	00:42:31	42.52	00:00:26	0.4333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	34	p	1	A-	2	00:43:00	43	00:00:29	0.4833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	35	p	1	A-	0	00:43:23	43.38	00:00:23	0.3833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	36	p	1	B@	1	00:43:27	43.45	00:00:04	0.0667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	37	p	1	Da	2	00:43:45	43.75	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	38	p	1	Ex	1	00:44:19	44.32	00:00:34	0.5667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	39	p	1	F+	4	00:44:26	44.43	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	40	y	0	D+	2	00:47:23	47.38	00:02:57	2.95
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	45	R5_B45	mix	sul+	azo+	1	41	p	1	F+	2	00:47:30	47.5	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	51	R5_B51	mix	sul+	azo+	1	1	y	0	Fa	NA	00:04:37	4.62	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	51	R5_B51	mix	sul+	azo+	1	2	y	0	Fx	1	00:04:42	4.7	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	51	R5_B51	mix	sul+	azo+	1	3	y	0	C@	3	00:05:23	5.38	00:00:41	0.6833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	54	R5_B54	mix	sul+	azo+	1	1	y	0	C@	NA	00:30:04	30.07	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	1	y	0	D+	NA	00:06:54	6.9	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	2	y	0	D+	0	00:07:13	7.22	00:00:19	0.3167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	3	p	1	D-	1	00:07:45	7.75	00:00:32	0.5333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	4	y	0	Fx	3	00:27:32	27.53	00:19:47	19.7833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	5	y	0	Cx	3	00:29:49	29.82	00:02:17	2.2833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	6	y	0	D@	2	00:29:59	29.98	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	7	p	1	D-	1	00:30:26	30.43	00:00:27	0.45
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	55	R5_B55	mix	sul+	azo+	1	8	y	0	E-	1	00:30:49	30.82	00:00:23	0.3833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	1	y	0	D@	NA	00:05:10	5.17	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	2	y	0	E@	1	00:05:15	5.25	00:00:05	0.0833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	3	y	0	F-	1	00:05:18	5.3	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	4	p	1	F+	1	00:05:33	5.55	00:00:15	0.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	5	p	1	C-	3	00:08:27	8.45	00:02:54	2.9
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	6	p	1	Ba	2	00:08:45	8.75	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	7	p	1	B@	1	00:08:56	8.93	00:00:11	0.1833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	8	p	1	Ca	1	00:09:05	9.08	00:00:09	0.15
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	9	p	1	Bx	1	00:09:11	9.18	00:00:06	0.1
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	10	p	1	Da	2	00:09:19	9.32	00:00:08	0.1333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	11	p	1	Ea	1	00:09:44	9.73	00:00:25	0.4167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	12	p	1	Ex	1	00:09:57	9.95	00:00:13	0.2167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	13	p	1	F@	2	00:10:09	10.15	00:00:12	0.2
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	57	R5_B57	azo	sul-	azo+	1	14	p	1	F+	2	00:10:27	10.45	00:00:18	0.3
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	67	R5_B67	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	69	R5_B69	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	1	y	0	Dx	NA	00:26:25	26.42	NA	NA
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	2	y	0	D@	2	00:26:40	26.67	00:00:15	0.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	3	y	0	E-	1	00:26:50	26.83	00:00:10	0.1667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	4	y	0	F-	1	00:27:06	27.1	00:00:16	0.2667
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	5	y	0	E-	1	00:27:09	27.15	00:00:03	0.05
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	6	y	0	D@	1	00:35:54	35.9	00:08:45	8.75
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	7	p	1	Ex	2	00:39:20	39.33	00:03:26	3.4333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	8	y	0	Fx	1	00:46:16	46.27	00:06:56	6.9333
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	9	y	0	Fx	0	00:48:51	48.85	00:02:35	2.5833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	10	y	0	Fa	1	00:49:08	49.13	00:00:17	0.2833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	11	y	0	E@	1	00:49:15	49.25	00:00:07	0.1167
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	12	y	0	D@	1	00:49:24	49.4	00:00:09	0.15
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	13	y	0	D+	2	00:50:39	50.65	00:01:15	1.25
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	14	y	0	E-	1	00:52:26	52.43	00:01:47	1.7833
30.04.2021	R5	pink	1	60	13:15	16:00	02:45	60	45	60	36	71	R5_B71	azo	sul-	azo+	1	15	y	0	C+	2	00:54:33	54.55	00:02:07	2.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	11	R6_B11	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	1	p	1	A-	NA	02:08:48	128.8	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	2	p	1	Ba	2	02:09:22	129.37	00:00:34	0.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	3	p	1	Da	2	02:10:11	130.18	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	4	p	1	B-	2	02:11:54	131.9	00:01:43	1.7167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	5	p	1	A+	1	02:12:47	132.78	00:00:53	0.8833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	6	p	1	A+	0	02:13:15	133.25	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	7	p	1	Da	3	02:13:29	133.48	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	8	p	1	C@	1	02:14:00	134	00:00:31	0.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	9	p	1	B-	1	02:14:08	134.13	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	10	p	1	B-	0	02:14:32	134.53	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	11	p	1	A-	1	02:14:56	134.93	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	12	p	1	B-	1	02:15:56	135.93	00:01:00	1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	13	p	1	A-	1	02:16:11	136.18	00:00:15	0.25

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	14	p	1	Ax	3	02:16:12	136.2	00:00:01	0.0167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	15	p	1	F-	5	02:16:30	136.5	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	16	p	1	Ba	4	02:16:47	136.78	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	17	p	1	Ax	1	02:16:57	136.95	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	18	y	0	B@	2	02:17:08	137.13	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	19	p	1	F-	4	02:17:23	137.38	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	20	p	1	F@	1	02:17:44	137.73	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	21	p	1	F-	1	02:17:50	137.83	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	22	p	1	C+	3	02:17:59	137.98	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	23	p	1	Da	3	02:18:18	138.3	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	24	p	1	Cx	1	02:18:21	138.35	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	25	p	1	D+	4	02:18:36	138.6	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	26	p	1	C+	1	02:18:42	138.7	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	27	p	1	D+	1	02:18:53	138.88	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	28	p	1	F@	2	02:19:12	139.2	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	29	p	1	Da	2	02:19:30	139.5	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	30	y	0	C-	2	02:19:46	139.77	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	31	p	1	Da	2	02:20:00	140	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	32	p	1	A-	3	02:20:18	140.3	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	33	p	1	Fx	5	02:20:47	140.78	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	34	p	1	C+	4	02:22:37	142.62	00:01:50	1.8333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	35	p	1	D+	1	02:22:40	142.67	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	36	p	1	D+	0	02:23:02	143.03	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	37	p	1	F@	2	02:23:08	143.13	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	38	p	1	Fx	2	02:23:10	143.17	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	39	p	1	F-	3	02:23:39	143.65	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	40	p	1	Ba	4	02:25:39	145.65	00:02:00	2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	41	p	1	C+	3	02:26:08	146.13	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	42	p	1	B-	1	02:26:13	146.22	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	43	p	1	A-	1	02:26:47	146.78	00:00:34	0.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	44	p	1	Ax	3	02:26:51	146.85	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	45	p	1	Cx	2	02:26:58	146.97	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	46	p	1	F-	3	02:27:30	147.5	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	47	p	1	F@	1	02:48:44	168.73	00:21:14	21.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	48	p	1	D-	2	02:48:51	168.85	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	49	p	1	E+	1	02:48:57	168.95	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	50	p	1	F+	1	02:49:08	169.13	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	51	p	1	C@	3	02:49:28	169.47	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	52	p	1	A@	2	02:49:36	169.6	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	53	p	1	Cx	2	02:49:47	169.78	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	54	p	1	Dx	1	02:50:00	170	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	12	R6_B12	mix	sul+	azo+	0	55	y	0	E-	3	02:54:59	174.98	00:04:59	4.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	1	p	1	B-	NA	02:06:53	126.88	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	2	p	1	B-	0	02:08:06	128.1	00:01:13	1.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	3	y	0	B@	1	02:09:37	129.62	00:01:31	1.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	4	y	0	A@	1	02:10:26	130.43	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	5	y	0	A@	0	02:10:42	130.7	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	6	y	0	B+	2	02:11:03	131.05	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	7	y	0	E+	3	02:11:22	131.37	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	8	y	0	F+	1	02:11:28	131.47	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	9	y	0	Ea	3	02:11:52	131.87	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	10	y	0	D-	2	02:12:09	132.15	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	11	y	0	Dx	3	02:12:36	132.6	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	12	y	0	Ea	1	02:12:58	132.97	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	13	y	0	Fa	1	02:13:05	133.08	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	14	y	0	D-	2	02:13:17	133.28	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	15	y	0	Ca	2	02:13:32	133.53	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	16	y	0	E+	3	02:13:51	133.85	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	17	y	0	F+	1	02:16:26	136.43	00:02:35	2.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	18	y	0	E+	1	02:17:31	137.52	00:01:05	1.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	13	R6_B13	mix	sul+	azo+	1	19	p	1	D+	1	02:39:37	159.62	00:22:06	22.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	1	p	1	E@	NA	02:08:12	128.2	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	2	p	1	E-	1	02:09:13	129.22	00:01:01	1.0167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	3	y	0	E+	1	02:09:51	129.85	00:00:38	0.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	4	p	1	D+	1	02:10:31	130.52	00:00:40	0.6667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	5	p	1	D+	0	02:11:01	131.02	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	6	p	1	Ba	3	02:11:50	131.83	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	7	p	1	A+	3	02:12:22	132.37	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	8	p	1	B-	1	02:12:49	132.82	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	9	p	1	Ax	3	02:13:02	133.03	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	10	p	1	Ax	0	02:13:19	133.32	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	11	p	1	A+	4	02:14:10	134.17	00:00:51	0.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	12	p	1	Ax	4	02:15:14	135.23	00:01:04	1.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	13	p	1	E@	4	02:15:37	135.62	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	14	p	1	F@	1	02:16:16	136.27	00:00:39	0.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	15	p	1	F-	1	02:16:29	136.48	00:00:13	0.2167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	14	R6_B14	mix	sul+	azo+	1	16	p	1	D+	2	02:16:41	136.68	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	1	y	0	B@	NA	02:10:43	130.72	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	2	y	0	Aa	1	02:11:13	131.22	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	3	y	0	Bx	1	02:11:48	131.8	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	4	y	0	D-	3	02:13:48	133.8	00:02:00	2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	5	p	1	F@	2	02:14:29	134.48	00:00:41	0.6833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	6	y	0	Ex	2	02:15:28	135.47	00:00:59	0.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	7	y	0	Dx	1	02:15:30	135.5	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	8	y	0	D-	3	02:15:33	135.55	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	9	y	0	D-	0	02:15:53	135.88	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	10	p	1	C@	1	02:17:52	137.87	00:01:59	1.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	11	y	0	Bx	2	02:18:38	138.63	00:00:46	0.7667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	12	p	1	Cx	1	02:19:15	139.25	00:00:37	0.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	13	y	0	Fa	3	02:19:56	139.93	00:00:41	0.6833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	14	p	1	Ba	4	02:20:33	140.55	00:00:37	0.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	15	p	1	Ba	0	02:20:40	140.67	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	16	y	0	B@	1	02:21:43	141.72	00:01:03	1.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	17	p	1	F@	4	02:22:33	142.55	00:00:50	0.8333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	18	p	1	F-	1	02:23:12	143.2	00:00:39	0.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	19	y	0	F+	1	02:23:18	143.3	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	20	p	1	F@	2	02:23:29	143.48	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	21	p	1	Fx	2	02:23:48	143.8	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	22	p	1	C@	3	02:24:20	144.33	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	23	y	0	Ca	1	02:24:31	144.52	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	24	p	1	Cx	1	02:24:33	144.55	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	25	p	1	A-	3	02:24:47	144.78	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	26	p	1	C+	2	02:24:55	144.92	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	27	p	1	B-	1	02:35:17	155.28	00:10:22	10.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	28	p	1	C@	1	02:35:21	155.35	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	29	p	1	Da	1	02:38:36	158.6	00:03:15	3.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	30	p	1	Da	0	02:38:53	158.88	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	31	p	1	Ea	1	03:00:20	180.33	00:21:27	21.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	32	p	1	Da	1	03:00:32	180.53	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	33	p	1	Ea	1	03:00:36	180.6	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	34	p	1	Dx	1	03:00:43	180.72	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	35	p	1	Cx	1	03:01:12	181.2	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	36	p	1	Dx	1	03:01:26	181.43	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	37	p	1	Ea	1	03:01:35	181.58	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	38	p	1	F@	1	03:01:52	181.87	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	15	R6_B15	mix	sul+	azo+	1	39	p	1	Ea	1	03:02:33	182.55	00:00:41	0.6833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	1	p	1	B-	NA	01:36:58	96.97	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	2	y	0	Ea	3	01:43:21	103.35	00:06:23	6.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	3	y	0	Ex	1	01:43:44	103.73	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	4	y	0	Dx	1	01:43:55	103.92	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	5	y	0	Ca	1	01:44:10	104.17	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	6	y	0	E+	3	01:44:30	104.5	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	7	y	0	D@	2	01:44:57	104.95	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	8	y	0	C-	1	01:45:36	105.6	00:00:39	0.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	9	y	0	B@	1	01:45:57	105.95	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	10	y	0	Ca	1	01:46:09	106.15	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	11	y	0	B@	1	01:46:17	106.28	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	12	y	0	C-	1	01:46:30	106.5	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	13	y	0	D-	1	01:46:55	106.92	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	14	y	0	D@	1	01:47:07	107.12	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	15	y	0	Ea	1	01:47:17	107.28	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	16	y	0	E+	3	01:47:27	107.45	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	17	y	0	F+	1	01:48:11	108.18	00:00:44	0.7333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	18	y	0	E+	1	01:48:21	108.35	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	19	y	0	B@	3	01:48:31	108.52	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	20	y	0	A@	1	01:48:36	108.6	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	21	y	0	B+	2	01:48:43	108.72	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	22	y	0	Ex	4	01:48:57	108.95	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	23	y	0	Dx	1	01:49:04	109.07	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	24	y	0	Aa	3	01:49:32	109.53	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	25	y	0	B+	3	01:49:37	109.62	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	26	y	0	A@	2	02:07:57	127.95	00:18:20	18.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	27	y	0	B+	2	02:08:24	128.4	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	28	y	0	F+	4	02:10:48	130.8	00:02:24	2.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	29	y	0	D-	2	02:10:58	130.97	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	30	y	0	Aa	3	02:11:45	131.75	00:00:47	0.7833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	31	y	0	A@	1	02:34:03	154.05	00:22:18	22.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	32	y	0	D-	3	02:46:37	166.62	00:12:34	12.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	18	R6_B18	mix	sul+	azo+	1	33	y	0	E-	1	03:04:40	184.67	00:18:03	18.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	19	R6_B19	mix	sul+	azo+	1	1	y	0	B+	NA	01:51:27	111.45	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	1	p	1	B-	NA	01:59:38	119.63	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	2	p	1	Da	2	02:01:06	121.1	00:01:28	1.4667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	3	p	1	C@	1	02:01:36	121.6	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	4	p	1	C@	0	02:01:55	121.92	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	5	p	1	D+	2	02:02:29	122.48	00:00:34	0.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	6	p	1	Ba	3	02:02:39	122.65	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	7	y	0	Aa	1	02:04:14	124.23	00:01:35	1.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	8	p	1	A@	1	02:04:23	124.38	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	9	p	1	A+	2	02:09:05	129.08	00:04:42	4.7
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	10	p	1	F-	5	02:11:23	131.38	00:02:18	2.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	11	p	1	A-	5	02:11:43	131.72	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	12	p	1	A-	0	02:13:11	133.18	00:01:28	1.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	13	p	1	A-	0	02:13:42	133.7	00:00:31	0.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	14	p	1	A-	0	02:16:39	136.65	00:02:57	2.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	15	p	1	Fx	5	02:17:38	137.63	00:00:59	0.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	16	p	1	Fx	0	02:18:04	138.07	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	17	p	1	Cx	3	02:18:40	138.67	00:00:36	0.6
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	18	p	1	F-	3	02:19:05	139.08	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	19	p	1	E-	1	02:19:27	139.45	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	20	p	1	C+	2	02:20:12	140.2	00:00:45	0.75
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	21	p	1	Cx	4	02:20:42	140.7	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	22	p	1	Da	1	02:21:20	141.33	00:00:38	0.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	23	p	1	Da	0	02:21:47	141.78	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	24	p	1	Ax	3	02:22:24	142.4	00:00:37	0.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	25	p	1	Ba	1	02:37:01	157.02	00:14:37	14.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	26	p	1	B-	2	02:39:00	159	00:01:59	1.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	27	p	1	E-	3	02:39:06	159.1	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	28	p	1	Cx	3	03:03:07	183.12	00:24:01	24.0167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	29	p	1	Bx	1	03:03:26	183.43	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	30	p	1	Dx	2	03:03:38	183.63	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	31	p	1	Da	1	03:04:05	184.08	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	32	p	1	Cx	1	03:04:48	184.8	00:00:43	0.7167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	33	p	1	F@	3	03:05:29	185.48	00:00:41	0.6833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	34	y	0	E-	1	03:06:02	186.03	00:00:33	0.55
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	35	p	1	A+	4	03:11:53	191.88	00:05:51	5.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	36	p	1	B-	1	03:12:19	192.32	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	37	p	1	C-	1	03:12:22	192.37	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	38	p	1	F@	3	03:12:37	192.62	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	39	p	1	Dx	2	03:12:44	192.73	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	40	p	1	C@	2	03:12:59	192.98	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	41	p	1	A@	2	03:13:11	193.18	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	42	p	1	A+	2	03:13:15	193.25	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	43	p	1	B-	1	03:13:18	193.3	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	21	R6_B21	mix	sul+	azo+	1	44	p	1	F@	4	03:13:48	193.8	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	1	y	0	C-	NA	01:51:35	111.58	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	2	p	1	A+	2	01:52:20	112.33	00:00:45	0.75
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	3	p	1	B-	1	01:57:22	117.37	00:05:02	5.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	4	y	0	B@	1	01:57:34	117.57	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	5	p	1	D+	2	01:58:02	118.03	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	6	p	1	B-	2	01:59:15	119.25	00:01:13	1.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	7	p	1	C+	1	01:59:56	119.93	00:00:41	0.6833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	8	p	1	F-	3	02:00:56	120.93	00:01:00	1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	9	y	0	F+	1	02:01:27	121.45	00:00:31	0.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	10	p	1	D+	2	02:01:40	121.67	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	11	p	1	E-	1	02:01:59	121.98	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	12	p	1	Fx	3	02:02:22	122.37	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	13	p	1	D+	4	02:03:33	123.55	00:01:11	1.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	14	p	1	C@	2	02:03:39	123.65	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	15	p	1	C+	2	02:04:04	124.07	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	16	p	1	D+	1	02:04:34	124.57	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	17	p	1	E-	1	02:05:35	125.58	00:01:01	1.0167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	18	p	1	A+	4	02:05:58	125.97	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	19	p	1	Ax	4	02:06:28	126.47	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	20	p	1	Ax	0	02:06:45	126.75	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	21	p	1	A-	3	02:07:32	127.53	00:00:47	0.7833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	22	p	1	Ba	2	02:07:44	127.73	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	23	p	1	A+	3	02:08:04	128.07	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	24	p	1	A+	0	02:08:21	128.35	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	25	p	1	C+	2	02:09:09	129.15	00:00:48	0.8
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	26	p	1	F-	3	02:09:28	129.47	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	22	R6_B22	mix	sul+	azo+	1	27	p	1	E-	1	02:14:50	134.83	00:05:22	5.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	1	p	1	Da	NA	02:58:54	178.9	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	2	p	1	Bx	2	03:01:30	181.5	00:02:36	2.6
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	3	p	1	Ea	3	03:03:35	183.58	00:02:05	2.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	4	p	1	F@	1	03:03:55	183.92	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	5	p	1	Ea	1	03:04:08	184.13	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	6	p	1	F@	1	03:04:39	184.65	00:00:31	0.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	7	p	1	Da	2	03:04:49	184.82	00:00:10	0.1667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	8	p	1	Bx	2	03:04:51	184.85	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	9	y	0	Ax	1	03:04:58	184.97	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	10	p	1	A@	2	03:05:05	185.08	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	11	p	1	C@	2	03:05:14	185.23	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	12	p	1	B-	1	03:05:17	185.28	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	13	p	1	Bx	3	03:05:32	185.53	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	14	p	1	Cx	1	03:05:51	185.85	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	15	p	1	B-	3	03:06:39	186.65	00:00:48	0.8
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	16	p	1	Bx	3	03:07:07	187.12	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	17	p	1	A@	2	03:07:23	187.38	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	18	p	1	D-	3	03:07:26	187.43	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	19	p	1	Ea	2	03:07:38	187.63	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	20	p	1	F@	1	03:07:42	187.7	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	21	p	1	F+	2	03:07:50	187.83	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	22	p	1	E+	1	03:07:57	187.95	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	23	p	1	Ea	3	03:08:02	188.03	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	24	p	1	D-	2	03:08:37	188.62	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	25	p	1	Ea	2	03:08:54	188.9	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	26	p	1	Da	1	03:08:58	188.97	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	27	p	1	F+	3	03:09:03	189.05	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	28	p	1	E+	1	03:09:13	189.22	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	29	p	1	C+	2	03:09:16	189.27	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	30	p	1	C+	0	03:09:48	189.8	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	31	p	1	Da	3	03:10:12	190.2	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	32	p	1	F+	3	03:10:38	190.63	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	27	R6_B27	sul	sul+	azo-	0	33	p	1	F@	2	03:10:45	190.75	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	29	R6_B29	sul	sul+	azo-	1	1	y	0	F+	NA	02:06:40	126.67	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	35	R6_B35	sul	sul+	azo-	1	1	p	1	E@	NA	02:11:40	131.67	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	35	R6_B35	sul	sul+	azo-	1	2	p	1	E@	0	02:12:12	132.2	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	35	R6_B35	sul	sul+	azo-	1	3	p	1	Cx	2	02:24:58	144.97	00:12:46	12.7667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	1	p	1	B-	NA	02:04:29	124.48	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	2	p	1	C@	1	02:04:43	124.72	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	3	p	1	Ba	1	02:04:59	124.98	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	4	p	1	C+	3	02:06:38	126.63	00:01:39	1.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	5	p	1	C+	0	02:07:51	127.85	00:01:13	1.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	6	p	1	C+	0	02:09:21	129.35	00:01:30	1.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	7	p	1	E-	2	02:10:03	130.05	00:00:42	0.7
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	8	p	1	F-	1	02:10:28	130.47	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	9	p	1	Fx	3	02:11:18	131.3	00:00:50	0.8333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	10	p	1	F@	2	02:11:26	131.43	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	11	p	1	F-	1	02:12:05	132.08	00:00:39	0.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	12	p	1	Cx	3	02:12:25	132.42	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	13	p	1	F-	3	02:13:27	133.45	00:01:02	1.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	14	p	1	A+	5	02:13:53	133.88	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	15	p	1	Ax	4	02:14:05	134.08	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	16	p	1	C@	2	02:14:25	134.42	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	17	p	1	Fx	3	02:14:35	134.58	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	18	p	1	F-	3	02:14:48	134.8	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	19	p	1	Da	2	02:14:54	134.9	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	20	p	1	Cx	1	02:14:59	134.98	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	21	p	1	B-	3	02:15:21	135.35	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	22	p	1	A-	1	02:15:35	135.58	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	23	p	1	Ba	2	02:15:41	135.68	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	24	p	1	Da	2	02:16:21	136.35	00:00:40	0.6667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	25	p	1	Cx	1	02:16:50	136.83	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	26	p	1	Cx	0	02:17:34	137.57	00:00:44	0.7333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	27	p	1	Cx	0	02:18:06	138.1	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	28	p	1	A-	3	02:18:22	138.37	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	29	p	1	Ax	3	02:18:29	138.48	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	30	p	1	Ba	1	02:19:18	139.3	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	31	p	1	Ax	1	02:19:23	139.38	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	32	p	1	Ax	0	02:19:39	139.65	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	33	p	1	E@	4	02:19:44	139.73	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	34	p	1	A+	4	02:20:05	140.08	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	35	p	1	A+	0	02:20:54	140.9	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	36	p	1	C+	2	02:21:28	141.47	00:00:34	0.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	37	p	1	A+	2	02:21:40	141.67	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	38	p	1	Da	3	02:22:02	142.03	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	39	p	1	Cx	1	02:22:06	142.1	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	40	p	1	Ax	2	02:22:56	142.93	00:00:50	0.8333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	41	p	1	Cx	2	02:23:05	143.08	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	42	p	1	F-	3	02:24:02	144.03	00:00:57	0.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	43	p	1	A-	5	02:24:53	144.88	00:00:51	0.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	44	p	1	B-	1	02:25:04	145.07	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	45	p	1	B-	0	02:25:18	145.3	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	46	p	1	C+	1	02:25:21	145.35	00:00:03	0.05

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	47	p	1	D+	1	02:25:37	145.62	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	48	p	1	E-	1	02:25:46	145.77	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	49	p	1	F@	1	02:26:06	146.1	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	50	p	1	C+	3	02:26:24	146.4	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	51	p	1	A-	2	02:26:30	146.5	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	52	p	1	Cx	3	02:27:25	147.42	00:00:55	0.9167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	53	p	1	Ax	2	02:27:33	147.55	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	54	p	1	A-	3	02:28:05	148.08	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	55	p	1	Fx	5	02:28:23	148.38	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	56	p	1	Da	2	02:28:35	148.58	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	57	p	1	Cx	1	02:28:42	148.7	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	58	p	1	Ax	2	02:28:53	148.88	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	59	p	1	Cx	2	02:28:59	148.98	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	60	p	1	B-	3	02:29:10	149.17	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	61	p	1	C@	1	02:29:53	149.88	00:00:43	0.7167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	62	p	1	Ax	2	02:30:10	150.17	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	63	p	1	Ax	0	02:30:23	150.38	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	64	p	1	E@	4	02:30:32	150.53	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	36	R6_B36	sul	sul+	azo-	1	65	p	1	E-	1	02:30:34	150.57	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	1	y	0	B+	NA	02:01:49	121.82	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	2	y	0	B@	2	02:02:42	122.7	00:00:53	0.8833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	3	p	1	B-	1	02:03:03	123.05	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	4	p	1	B-	0	02:04:50	124.83	00:01:47	1.7833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	5	y	0	E+	3	02:08:10	128.17	00:03:20	3.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	6	p	1	E@	2	02:08:42	128.7	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	7	p	1	E@	0	02:09:47	129.78	00:01:05	1.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	8	p	1	E@	0	02:11:32	131.53	00:01:45	1.75
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	9	y	0	D@	1	02:12:32	132.53	00:01:00	1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	10	y	0	Ea	1	02:13:07	133.12	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	11	p	1	Ax	4	02:13:39	133.65	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	12	y	0	B@	2	02:14:04	134.07	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	13	p	1	E-	3	02:15:12	135.2	00:01:08	1.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	14	p	1	E-	0	02:17:47	137.78	00:02:35	2.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	15	y	0	D@	1	02:18:09	138.15	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	16	y	0	D-	1	02:18:25	138.42	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	17	y	0	Dx	3	02:18:47	138.78	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	18	p	1	Fx	2	02:19:58	139.97	00:01:11	1.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	19	p	1	Fx	0	02:20:38	140.63	00:00:40	0.6667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	20	y	0	Ex	1	02:20:44	140.73	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	21	p	1	C+	4	02:21:41	141.68	00:00:57	0.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	22	y	0	E+	2	02:22:31	142.52	00:00:50	0.8333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	23	y	0	B@	3	02:22:42	142.7	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	24	y	0	A@	1	02:22:53	142.88	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	25	p	1	B-	1	02:23:20	143.33	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	26	p	1	E@	3	02:23:46	143.77	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	27	p	1	E@	0	02:24:44	144.73	00:00:58	0.9667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	28	p	1	E@	0	02:25:13	145.22	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	29	p	1	D+	2	02:25:35	145.58	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	30	p	1	E-	1	02:26:26	146.43	00:00:51	0.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	31	p	1	E@	1	02:27:04	147.07	00:00:38	0.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	32	p	1	Fx	2	02:27:21	147.35	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	33	p	1	F@	2	02:27:48	147.8	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	34	p	1	C@	3	02:27:57	147.95	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	35	p	1	F@	3	02:28:10	148.17	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	36	p	1	F-	1	02:28:32	148.53	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	37	p	1	E-	1	02:29:06	149.1	00:00:34	0.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	38	p	1	Fx	3	02:29:33	149.55	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	39	p	1	A-	5	02:30:01	150.02	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	40	p	1	A+	1	02:30:17	150.28	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	41	p	1	A+	0	02:30:55	150.92	00:00:38	0.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	42	p	1	B-	1	02:31:17	151.28	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	43	p	1	A+	1	02:31:38	151.63	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	44	p	1	Cx	4	02:31:45	151.75	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	45	p	1	Da	1	02:32:17	152.28	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	46	p	1	Fx	2	02:32:42	152.7	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	47	p	1	E@	2	02:33:04	153.07	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	48	p	1	Da	1	02:33:35	153.58	00:00:31	0.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	49	p	1	Ax	3	02:33:39	153.65	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	50	p	1	Ax	0	02:33:59	153.98	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	51	p	1	A-	3	02:34:23	154.38	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	52	p	1	D+	3	02:34:41	154.68	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	53	p	1	F-	2	02:34:55	154.92	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	54	p	1	Fx	3	02:35:23	155.38	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	55	p	1	Cx	3	02:35:51	155.85	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	56	p	1	Ba	1	02:36:01	156.02	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	57	p	1	Ba	0	02:36:21	156.35	00:00:20	0.3333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	58	p	1	C@	1	02:36:33	156.55	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	59	p	1	B-	1	02:36:37	156.62	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	60	p	1	C+	1	02:36:47	156.78	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	61	p	1	D+	1	02:37:08	157.13	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	62	p	1	E-	1	02:37:13	157.22	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	63	p	1	F-	1	02:37:18	157.3	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	64	p	1	E@	1	02:37:32	157.53	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	65	p	1	Cx	2	02:37:37	157.62	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	66	p	1	A+	4	02:37:58	157.97	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	67	p	1	Ba	3	02:38:09	158.15	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	68	p	1	E-	3	02:38:38	158.63	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	69	p	1	C@	2	02:39:03	159.05	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	70	p	1	Cx	2	02:39:20	159.33	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	71	p	1	F@	3	02:39:52	159.87	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	72	p	1	F-	1	02:40:06	160.1	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	73	p	1	E-	1	02:40:08	160.13	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	74	p	1	C@	2	02:40:16	160.27	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	75	p	1	Ba	1	02:40:24	160.4	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	37	R6_B37	sul	sul+	azo-	1	76	p	1	C+	3	02:40:35	160.58	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	42	R6_B42	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	44	R6_B44	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	1	p	1	C+	NA	01:44:05	104.08	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	2	p	1	D+	1	01:47:45	107.75	00:03:40	3.6667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	3	p	1	Da	3	01:51:00	111	00:03:15	3.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	4	y	0	Ex	1	01:52:08	112.13	00:01:08	1.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	5	p	1	Fx	1	01:52:33	112.55	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	6	y	0	Dx	2	01:53:45	113.75	00:01:12	1.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	7	p	1	F-	3	01:54:11	114.18	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	8	p	1	C@	3	01:54:31	114.52	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	9	p	1	A-	2	01:54:43	114.72	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	10	p	1	C+	2	01:54:52	114.87	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	11	p	1	D+	1	01:55:32	115.53	00:00:40	0.6667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	12	p	1	F-	2	01:55:36	115.6	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	13	p	1	F@	1	01:55:45	115.75	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	14	p	1	E@	1	01:56:50	116.83	00:01:05	1.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	15	p	1	Fx	2	01:57:00	117	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	16	p	1	Fx	0	01:57:30	117.5	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	17	p	1	E@	2	01:57:58	117.97	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	18	p	1	F@	1	01:58:17	118.28	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	19	p	1	F-	1	01:58:19	118.32	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	20	p	1	Da	2	01:58:39	118.65	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	21	p	1	Cx	1	01:59:04	119.07	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	22	p	1	Cx	0	01:59:14	119.23	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	23	p	1	Ba	1	01:59:18	119.3	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	24	p	1	Ax	1	01:59:23	119.38	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	25	p	1	A-	3	01:59:31	119.52	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	26	p	1	A+	1	02:20:25	140.42	00:20:54	20.9
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	27	p	1	E-	4	02:20:28	140.47	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	28	p	1	Da	2	02:34:44	154.73	00:14:16	14.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	29	p	1	Ba	2	02:42:49	162.82	00:08:05	8.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	30	p	1	A-	2	02:43:07	163.12	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	31	p	1	A-	0	02:43:19	163.32	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	32	p	1	Ax	3	02:43:41	163.68	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	33	p	1	A-	3	02:43:51	163.85	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	34	p	1	A+	1	02:43:53	163.88	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	35	p	1	B-	1	02:43:55	163.92	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	36	p	1	C+	1	02:43:58	163.97	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	37	p	1	Ea	3	03:11:51	191.85	00:27:53	27.8833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	38	p	1	Da	1	03:12:04	192.07	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	39	p	1	C@	1	03:12:14	192.23	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	40	p	1	F+	3	03:12:26	192.43	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	41	p	1	F@	2	03:12:50	192.83	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	42	p	1	Dx	2	03:13:05	193.08	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	43	p	1	Da	1	03:13:09	193.15	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	44	p	1	D-	2	03:13:42	193.7	00:00:33	0.55
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	45	p	1	C-	1	03:13:45	193.75	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	46	p	1	A+	2	03:13:55	193.92	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	47	p	1	Ea	4	03:16:00	196	00:02:05	2.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	48	p	1	F@	1	03:16:05	196.08	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	46	R6_B46	azo	sul-	azo+	1	49	p	1	C-	3	03:16:08	196.13	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	1	p	1	B-	NA	01:47:01	107.02	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	2	y	0	B+	1	01:47:50	107.83	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	3	p	1	B-	1	01:48:16	108.27	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	4	p	1	B-	0	01:49:12	109.2	00:00:56	0.9333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	5	y	0	B@	1	01:49:42	109.7	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	6	y	0	A@	1	01:49:52	109.87	00:00:10	0.1667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	7	y	0	Dx	3	01:50:05	110.08	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	8	y	0	B@	2	01:50:16	110.27	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	9	p	1	B-	1	01:50:24	110.4	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	10	p	1	A-	1	01:51:15	111.25	00:00:51	0.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	11	p	1	A+	1	01:51:23	111.38	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	12	y	0	B+	1	01:51:53	111.88	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	13	y	0	C-	1	01:52:26	112.43	00:00:33	0.55
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	14	p	1	C@	1	01:52:28	112.47	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	15	y	0	Ca	1	01:52:37	112.62	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	16	p	1	Da	1	01:52:43	112.72	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	17	y	0	Ex	1	01:52:55	112.92	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	18	p	1	A-	4	01:53:12	113.2	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	19	p	1	A-	0	01:54:09	114.15	00:00:57	0.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	20	y	0	A@	1	01:54:23	114.38	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	21	p	1	Ba	1	01:54:27	114.45	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	22	p	1	Cx	1	01:56:09	116.15	00:01:42	1.7
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	23	p	1	Da	1	01:56:17	116.28	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	24	p	1	E@	1	01:56:36	116.6	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	25	p	1	F-	1	01:56:40	116.67	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	26	y	0	F+	1	01:56:45	116.75	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	27	p	1	D+	2	01:56:53	116.88	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	28	p	1	C+	1	01:57:04	117.07	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	29	p	1	B-	1	01:57:08	117.13	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	30	p	1	A-	1	01:57:19	117.32	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	31	p	1	A-	0	01:58:32	118.53	00:01:13	1.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	32	p	1	Ba	2	01:58:42	118.7	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	33	p	1	Da	2	01:59:08	119.13	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	34	p	1	E@	1	01:59:12	119.2	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	35	p	1	Ba	3	02:00:02	120.03	00:00:50	0.8333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	36	p	1	C@	1	02:01:02	121.03	00:01:00	1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	37	p	1	C+	2	02:01:32	121.53	00:00:30	0.5
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	38	p	1	B-	1	02:01:41	121.68	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	39	p	1	A-	1	02:01:53	121.88	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	40	p	1	A+	1	02:02:09	122.15	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	41	p	1	A+	0	02:02:37	122.62	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	42	p	1	A-	1	02:02:51	122.85	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	43	p	1	A+	1	02:04:07	124.12	00:01:16	1.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	44	p	1	A-	1	02:04:17	124.28	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	45	p	1	A+	1	02:04:33	124.55	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	46	p	1	E-	4	02:04:55	124.92	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	47	p	1	E@	1	02:05:11	125.18	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	48	p	1	F@	1	02:05:16	125.27	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	49	p	1	F-	1	02:05:24	125.4	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	50	p	1	C-	3	02:59:28	179.47	00:54:04	54.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	51	p	1	B-	1	02:59:45	179.75	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	52	p	1	C@	1	02:59:54	179.9	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	53	p	1	Dx	2	03:00:06	180.1	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	54	p	1	F@	2	03:00:09	180.15	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	55	p	1	F+	2	03:00:13	180.22	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	56	p	1	F@	2	03:00:28	180.47	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	57	p	1	A@	5	03:14:35	194.58	00:14:07	14.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	58	p	1	B-	1	03:14:37	194.62	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	59	p	1	C-	1	03:14:42	194.7	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	60	p	1	D-	1	03:14:46	194.77	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	61	p	1	E+	1	03:14:51	194.85	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	62	p	1	C@	2	03:15:26	195.43	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	63	p	1	C-	1	03:15:42	195.7	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	64	p	1	D-	1	03:15:52	195.87	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	65	p	1	C+	1	03:15:54	195.9	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	47	R6_B47	azo	sul-	azo+	1	66	p	1	A+	2	03:15:57	195.95	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	1	p	1	Ba	NA	02:28:18	148.3	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	2	p	1	Ba	0	02:28:45	148.75	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	3	p	1	B-	2	02:30:36	150.6	00:01:51	1.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	4	p	1	C+	1	02:31:47	151.78	00:01:11	1.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	5	y	0	C-	1	02:32:47	152.78	00:01:00	1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	6	p	1	C@	1	02:32:50	152.83	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	7	p	1	Da	1	02:32:57	152.95	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	8	p	1	E@	1	02:33:05	153.08	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	9	p	1	F@	1	02:33:08	153.13	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	10	p	1	D+	2	02:33:19	153.32	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	11	y	0	C-	1	02:33:25	153.42	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	12	p	1	B-	1	02:33:27	153.45	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	13	p	1	A-	1	02:33:47	153.78	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	14	p	1	A+	1	02:34:26	154.43	00:00:39	0.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	15	p	1	A+	0	02:34:38	154.63	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	16	p	1	A-	1	02:35:29	155.48	00:00:51	0.85

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	17	p	1	A+	1	02:35:45	155.75	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	18	p	1	A-	1	02:35:53	155.88	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	19	p	1	B-	1	02:35:59	155.98	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	20	p	1	B-	0	02:36:12	156.2	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	21	p	1	Cx	3	02:36:20	156.33	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	22	y	0	B+	4	02:36:28	156.47	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	23	p	1	C+	1	02:36:30	156.5	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	24	p	1	B-	1	02:36:50	156.83	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	25	p	1	A-	1	02:36:57	156.95	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	26	p	1	A+	1	02:37:10	157.17	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	27	p	1	Ax	4	02:37:29	157.48	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	28	p	1	Ax	0	02:37:42	157.7	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	29	p	1	Ba	1	02:37:46	157.77	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	30	p	1	A-	2	02:38:02	158.03	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	31	p	1	Ba	2	02:38:04	158.07	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	32	p	1	D+	3	02:38:11	158.18	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	33	p	1	Ba	3	02:38:29	158.48	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	34	p	1	A-	2	02:38:34	158.57	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	35	p	1	Fx	5	02:38:50	158.83	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	36	p	1	D+	4	02:39:13	159.22	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	37	p	1	F@	2	02:39:14	159.23	00:00:01	0.0167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	38	p	1	E@	1	02:39:33	159.55	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	39	p	1	A+	4	02:39:43	159.72	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	40	p	1	B-	1	02:39:54	159.9	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	44	p	1	Fx	4	02:40:14	160.23	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	41	p	1	D+	4	02:40:21	160.35	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	42	p	1	Fx	4	02:40:29	160.48	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	43	p	1	Fx	0	02:40:49	160.82	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	45	p	1	F-	3	02:41:24	161.4	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	46	p	1	E-	1	02:41:29	161.48	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	47	p	1	C+	2	02:41:35	161.58	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	48	p	1	B-	1	02:41:39	161.65	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	49	p	1	Ax	3	02:41:55	161.92	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	50	p	1	Cx	2	02:42:17	162.28	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	51	y	0	A@	2	02:42:27	162.45	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	52	p	1	A+	2	02:42:33	162.55	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	53	p	1	A-	1	02:42:35	162.58	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	54	p	1	Cx	3	02:42:51	162.85	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	55	p	1	Cx	0	02:43:04	163.07	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	56	p	1	F-	3	02:43:13	163.22	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	57	p	1	Fx	3	02:43:22	163.37	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	58	p	1	Fx	0	02:43:49	163.82	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	59	p	1	E-	3	02:44:06	164.1	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	60	p	1	F@	1	02:44:24	164.4	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	61	p	1	F-	1	02:44:27	164.45	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	62	p	1	D+	2	02:44:29	164.48	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	63	p	1	C+	1	02:44:32	164.53	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	64	p	1	Da	3	02:44:49	164.82	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	65	p	1	Cx	1	02:44:52	164.87	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	67	p	1	A+	4	02:45:04	165.07	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	68	p	1	A-	1	02:45:06	165.1	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	69	p	1	B-	1	02:45:47	165.78	00:00:41	0.6833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	70	p	1	A+	1	03:04:21	184.35	00:18:34	18.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	71	p	1	A@	2	03:04:43	184.72	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	72	p	1	C+	2	03:05:07	185.12	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	73	p	1	C-	1	03:05:11	185.18	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	74	p	1	E+	2	03:05:19	185.32	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	75	p	1	Ea	3	03:05:54	185.9	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	76	p	1	Da	1	03:05:59	185.98	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	77	p	1	C-	2	03:06:08	186.13	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	48	R6_B48	azo	sul-	azo+	1	78	p	1	C+	1	03:06:13	186.22	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	1	y	0	Dx	NA	02:13:35	133.58	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	2	y	0	E+	4	02:14:21	134.35	00:00:46	0.7667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	3	y	0	E+	0	02:14:44	134.73	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	4	y	0	Dx	4	02:15:46	135.77	00:01:02	1.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	5	p	1	Ax	3	02:16:07	136.12	00:00:21	0.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	6	p	1	C+	4	02:16:23	136.38	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	7	p	1	Fx	4	02:16:36	136.6	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	8	p	1	Fx	0	02:16:53	136.88	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	9	p	1	E@	2	02:17:29	137.48	00:00:36	0.6
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	10	p	1	B-	3	02:18:32	138.53	00:01:03	1.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	11	p	1	A+	1	02:18:34	138.57	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	12	p	1	A-	1	02:18:58	138.97	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	13	p	1	F-	5	02:19:34	139.57	00:00:36	0.6
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	14	p	1	Cx	3	02:21:26	141.43	00:01:52	1.8667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	15	p	1	Ba	1	02:21:32	141.53	00:00:06	0.1

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	16	p	1	A-	2	02:21:37	141.62	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	17	p	1	C@	2	02:22:00	142	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	18	p	1	A-	2	02:22:35	142.58	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	19	p	1	E-	4	02:23:41	143.68	00:01:06	1.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	20	p	1	Ba	3	02:24:25	144.42	00:00:44	0.7333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	21	p	1	A-	2	02:25:06	145.1	00:00:41	0.6833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	22	p	1	Cx	3	02:25:26	145.43	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	23	p	1	A+	4	02:25:42	145.7	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	24	p	1	B-	1	02:26:29	146.48	00:00:47	0.7833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	25	p	1	Ea	3	02:48:03	168.05	00:21:34	21.5667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	26	p	1	Da	1	02:48:40	168.67	00:00:37	0.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	27	p	1	A+	3	02:50:02	170.03	00:01:22	1.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	28	p	1	C@	2	03:17:53	197.88	00:27:51	27.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	29	p	1	Cx	2	03:17:58	197.97	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	30	p	1	Dx	1	03:18:05	198.08	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	31	p	1	Ea	1	03:18:11	198.18	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	32	p	1	E+	3	03:18:29	198.48	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	33	p	1	C+	2	03:18:31	198.52	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	52	R6_B52	azo	sul-	azo+	0	34	p	1	F+	3	03:18:36	198.6	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	53	R6_B53	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	1	p	1	A-	NA	01:32:30	92.5	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	2	p	1	B-	1	01:33:50	93.83	00:01:20	1.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	3	p	1	C@	1	01:34:41	94.68	00:00:51	0.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	4	p	1	Da	1	01:35:26	95.43	00:00:45	0.75
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	5	p	1	Fx	2	01:36:03	96.05	00:00:37	0.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	6	p	1	F-	3	01:36:40	96.67	00:00:37	0.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	7	p	1	F-	0	01:37:27	97.45	00:00:47	0.7833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	8	p	1	E-	1	01:37:30	97.5	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	9	p	1	C@	2	01:37:44	97.73	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	10	p	1	C+	2	01:38:12	98.2	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	11	p	1	A+	2	01:39:02	99.03	00:00:50	0.8333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	12	p	1	D+	3	01:39:30	99.5	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	13	p	1	E-	1	01:39:40	99.67	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	14	p	1	D+	1	01:39:54	99.9	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	15	p	1	A+	3	01:40:04	100.07	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	16	p	1	C+	2	01:41:06	101.1	00:01:02	1.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	17	p	1	C@	2	01:41:14	101.23	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	18	p	1	Ba	1	01:41:20	101.33	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	19	p	1	Cx	1	01:41:24	101.4	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	20	p	1	Da	1	01:41:30	101.5	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	21	p	1	E@	1	01:41:36	101.6	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	22	p	1	F-	1	01:41:49	101.82	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	23	p	1	C+	3	01:42:06	102.1	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	24	p	1	Cx	4	01:44:26	104.43	00:02:20	2.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	25	p	1	Da	1	01:44:46	104.77	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	26	p	1	E@	1	01:47:03	107.05	00:02:17	2.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	27	p	1	F-	1	01:47:11	107.18	00:00:08	0.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	28	p	1	F@	1	01:48:18	108.3	00:01:07	1.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	29	p	1	A-	5	02:17:40	137.67	00:29:22	29.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	30	p	1	A-	0	02:18:55	138.92	00:01:15	1.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	31	p	1	Cx	3	02:33:22	153.37	00:14:27	14.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	32	p	1	F@	3	02:33:29	153.48	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	33	p	1	Fx	2	02:33:32	153.53	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	56	R6_B56	azo	sul-	azo+	1	34	p	1	E-	3	02:37:56	157.93	00:04:24	4.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	58	R6_B58	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	61	R6_B61	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	62	R6_B62	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	1	y	0	F+	NA	01:47:25	107.42	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	2	p	1	A+	5	02:04:47	124.78	00:17:22	17.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	3	p	1	Ba	3	02:05:22	125.37	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	4	p	1	Cx	1	02:05:48	125.8	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	5	y	0	Dx	1	02:06:21	126.35	00:00:33	0.55
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	6	y	0	Bx	2	02:07:59	127.98	00:01:38	1.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	7	p	1	Ba	1	02:08:26	128.43	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	8	y	0	Ca	1	02:10:36	130.6	00:02:10	2.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	9	p	1	Fx	3	02:11:18	131.3	00:00:42	0.7
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	10	p	1	F-	3	02:11:41	131.68	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	11	p	1	C+	3	02:12:19	132.32	00:00:38	0.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	12	p	1	E-	2	02:13:24	133.4	00:01:05	1.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	13	p	1	E@	1	02:13:46	133.77	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	14	p	1	Fx	2	02:13:57	133.95	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	15	p	1	Fx	0	02:14:13	134.22	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	16	p	1	Cx	3	02:14:18	134.3	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	17	p	1	Cx	0	02:14:27	134.45	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	18	p	1	Ba	1	02:14:39	134.65	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	19	p	1	Fx	4	02:15:08	135.13	00:00:29	0.4833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	20	p	1	F@	2	02:15:19	135.32	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	21	p	1	E@	1	02:16:18	136.3	00:00:59	0.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	22	p	1	Da	1	02:16:46	136.77	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	23	p	1	D+	3	02:17:43	137.72	00:00:57	0.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	24	p	1	Ba	3	02:18:10	138.17	00:00:27	0.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	25	p	1	F@	4	02:18:45	138.75	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	26	p	1	C@	3	02:19:00	139	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	27	p	1	Ba	1	02:19:07	139.12	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	28	p	1	A-	2	02:19:11	139.18	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	29	p	1	B-	1	02:19:36	139.6	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	30	p	1	F-	4	02:20:15	140.25	00:00:39	0.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	31	p	1	Fx	3	02:21:14	141.23	00:00:59	0.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	32	p	1	C@	3	02:25:02	145.03	00:03:48	3.8
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	33	p	1	E-	2	02:25:11	145.18	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	34	p	1	F@	1	02:25:29	145.48	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	35	p	1	F@	0	02:26:40	146.67	00:01:11	1.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	36	p	1	F@	0	03:13:39	193.65	00:46:59	46.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	37	p	1	D-	2	03:13:50	193.83	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	38	p	1	D-	0	03:14:00	194	00:00:10	0.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	39	p	1	Da	2	03:14:32	194.53	00:00:32	0.5333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	40	p	1	Da	0	03:14:55	194.92	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	41	p	1	Cx	1	03:15:04	195.07	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	42	p	1	A@	2	03:15:22	195.37	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	43	p	1	B-	1	03:15:34	195.57	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	63	R6_B63	con	sul-	azo-	1	44	p	1	C@	1	03:15:47	195.78	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	67	R6_B67	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	1	p	1	Da	NA	02:22:22	142.37	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	2	p	1	Fx	2	02:26:34	146.57	00:04:12	4.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	3	p	1	Fx	0	02:27:02	147.03	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	4	p	1	E@	2	02:28:12	148.2	00:01:10	1.1667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	5	p	1	F@	1	02:29:47	149.78	00:01:35	1.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	6	y	0	F+	2	02:30:46	150.77	00:00:59	0.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	7	y	0	E+	1	02:31:25	151.42	00:00:39	0.65
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	8	y	0	D-	1	02:31:28	151.47	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	9	y	0	C-	1	02:31:34	151.57	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	10	y	0	D-	1	02:31:56	151.93	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	11	p	1	E-	1	02:32:05	152.08	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	68	R6_B68	con	sul-	azo-	1	12	p	1	Fx	3	02:33:43	153.72	00:01:38	1.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	1	p	1	D+	NA	02:20:08	140.13	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	2	y	0	Bx	4	02:21:36	141.6	00:01:28	1.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	3	p	1	Fx	4	02:22:04	142.07	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	4	p	1	A-	5	02:30:03	150.05	00:07:59	7.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	5	p	1	C@	2	02:31:07	151.12	00:01:04	1.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	6	y	0	C-	1	02:31:49	151.82	00:00:42	0.7
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	7	p	1	D+	1	02:32:31	152.52	00:00:42	0.7
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	8	p	1	C@	2	02:33:54	153.9	00:01:23	1.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	9	p	1	Ba	1	02:34:11	154.18	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	10	p	1	Da	2	02:34:28	154.47	00:00:17	0.2833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	11	p	1	Fx	2	02:34:34	154.57	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	12	p	1	F@	2	02:34:48	154.8	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	13	p	1	D+	2	02:35:03	155.05	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	14	p	1	Cx	4	02:35:25	155.42	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	15	p	1	C@	2	02:35:49	155.82	00:00:24	0.4
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	16	p	1	E-	2	02:36:09	156.15	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	17	p	1	Da	2	02:37:15	157.25	00:01:06	1.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	18	p	1	C@	1	02:37:22	157.37	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	19	p	1	D+	2	02:38:13	158.22	00:00:51	0.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	20	p	1	F-	2	02:38:19	158.32	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	21	p	1	C+	3	02:39:08	159.13	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	22	p	1	Ax	4	02:39:55	159.92	00:00:47	0.7833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	23	p	1	A-	3	02:41:22	161.37	00:01:27	1.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	24	p	1	Cx	3	02:41:37	161.62	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	25	p	1	Da	1	02:41:44	161.73	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	26	p	1	E@	1	02:41:50	161.83	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	27	p	1	F@	1	02:42:05	162.08	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	28	p	1	Fx	2	02:42:09	162.15	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	29	p	1	C@	3	02:44:17	164.28	00:02:08	2.1333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	30	p	1	Da	1	02:44:19	164.32	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	31	p	1	E@	1	02:45:08	165.13	00:00:49	0.8167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	32	p	1	F@	1	02:45:22	165.37	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	33	p	1	E-	1	02:45:27	165.45	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	34	p	1	C@	2	02:45:38	165.63	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	35	y	0	E+	2	02:47:15	167.25	00:01:37	1.6167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	36	p	1	C-	2	02:48:22	168.37	00:01:07	1.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	37	p	1	C-	0	02:48:53	168.88	00:00:31	0.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	38	p	1	B-	1	02:50:58	170.97	00:02:05	2.0833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	39	p	1	C@	1	02:51:27	171.45	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	40	p	1	C@	0	03:07:02	187.03	00:15:35	15.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	41	p	1	B-	1	03:07:33	187.55	00:00:31	0.5167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	70	R6_B70	con	sul-	azo-	1	42	p	1	C-	1	03:07:35	187.58	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	72	R6_B72	con	sul-	azo-	1	1	p	1	A-	NA	02:28:50	148.83	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	72	R6_B72	con	sul-	azo-	1	2	p	1	D-	3	02:59:11	179.18	00:30:21	30.35
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	72	R6_B72	con	sul-	azo-	1	3	p	1	D-	0	03:12:10	192.17	00:12:59	12.9833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	72	R6_B72	con	sul-	azo-	1	4	p	1	D-	0	03:12:30	192.5	00:00:20	0.3333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	1	p	1	A-	NA	01:24:43	84.72	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	2	p	1	B-	1	01:24:56	84.93	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	3	p	1	Da	2	02:22:47	142.78	00:57:51	57.85
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	4	p	1	Da	0	02:23:01	143.02	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	5	p	1	Da	0	02:26:55	146.92	00:03:54	3.9
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	6	p	1	E-	2	02:28:37	148.62	00:01:42	1.7
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	7	p	1	F-	1	02:30:15	150.25	00:01:38	1.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	8	p	1	F@	1	02:31:42	151.7	00:01:27	1.45
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	9	y	0	Dx	2	02:32:20	152.33	00:00:38	0.6333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	10	p	1	Ba	2	02:32:45	152.75	00:00:25	0.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	11	p	1	Ba	0	02:33:14	153.23	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	12	p	1	F@	4	02:33:49	153.82	00:00:35	0.5833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	13	p	1	F-	1	02:33:56	153.93	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	14	p	1	E-	1	02:34:01	154.02	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	15	p	1	C@	2	02:34:20	154.33	00:00:19	0.3167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	16	p	1	Cx	2	02:34:31	154.52	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	17	p	1	Da	1	02:35:32	155.53	00:01:01	1.0167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	18	p	1	Da	0	02:35:55	155.92	00:00:23	0.3833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	19	p	1	Fx	2	02:36:06	156.1	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	20	p	1	E@	2	02:37:03	157.05	00:00:57	0.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	21	p	1	E@	0	02:37:21	157.35	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	22	p	1	E-	1	02:37:34	157.57	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	23	p	1	Fx	3	02:37:39	157.65	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	24	p	1	F@	2	02:37:50	157.83	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	25	p	1	F-	1	02:37:52	157.87	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	26	p	1	C@	3	02:38:21	158.35	00:00:29	0.4833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	27	p	1	B-	1	02:38:32	158.53	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	28	p	1	D+	2	02:38:47	158.78	00:00:15	0.25
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	29	p	1	C+	1	02:38:58	158.97	00:00:11	0.1833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	30	p	1	A+	2	02:39:16	159.27	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	31	p	1	Ba	3	02:39:25	159.42	00:00:09	0.15
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	32	p	1	Ba	0	02:39:41	159.68	00:00:16	0.2667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	33	p	1	F-	4	02:40:38	160.63	00:00:57	0.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	34	p	1	Da	2	02:40:51	160.85	00:00:13	0.2167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	35	p	1	Ba	2	02:40:58	160.97	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	36	p	1	E-	3	02:42:23	162.38	00:01:25	1.4167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	37	p	1	F-	1	02:42:30	162.5	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	38	p	1	F@	1	02:42:31	162.52	00:00:01	0.0167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	39	p	1	Fx	2	02:42:45	162.75	00:00:14	0.2333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	40	p	1	Fx	0	02:43:03	163.05	00:00:18	0.3
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	41	p	1	Da	2	02:43:15	163.25	00:00:12	0.2
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	42	p	1	Cx	1	02:43:17	163.28	00:00:02	0.0333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	43	p	1	Ax	2	02:43:24	163.4	00:00:07	0.1167
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	44	p	1	E-	4	02:43:46	163.77	00:00:22	0.3667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	45	p	1	E@	1	02:44:12	164.2	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	46	p	1	F@	1	02:44:48	164.8	00:00:36	0.6
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	47	p	1	Fx	2	02:45:52	165.87	00:01:04	1.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	48	p	1	Da	2	03:16:49	196.82	00:30:57	30.95
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	49	p	1	C@	1	03:16:52	196.87	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	50	p	1	A@	2	03:16:55	196.92	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	51	p	1	B-	1	03:16:58	196.97	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	52	p	1	C-	1	03:17:03	197.05	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	53	p	1	C@	1	03:17:06	197.1	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	54	p	1	F@	3	03:17:11	197.18	00:00:05	0.0833
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	55	p	1	Da	2	03:17:37	197.62	00:00:26	0.4333
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	56	p	1	C@	1	03:17:40	197.67	00:00:03	0.05
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	57	p	1	A@	2	03:17:44	197.73	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	58	p	1	Bx	2	03:17:50	197.83	00:00:06	0.1
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	59	p	1	Da	2	03:18:18	198.3	00:00:28	0.4667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	73	R6_B73	con	sul-	azo-	1	60	p	1	Dx	1	03:18:22	198.37	00:00:04	0.0667
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	74	R6_B74	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
03.05.2021	R6	pink	1	64	13:30	16:50	03:20	140	60	0	70	76	R6_B76	con	sul-	azo-	1	1	y	0	Ea	NA	00:07:57	7.95	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	1	y	1	Ca	NA	00:15:23	15.38	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	2	y	1	Bx	1	00:15:55	15.92	00:00:32	0.5333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	3	y	1	Aa	1	00:16:29	16.48	00:00:34	0.5667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	4	y	1	B@	1	00:16:37	16.62	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	5	y	1	Ca	1	00:16:43	16.72	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	6	y	1	Da	1	00:16:53	16.88	00:00:10	0.1667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	7	y	1	E@	1	00:17:11	17.18	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	8	y	1	C-	2	00:17:19	17.32	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	9	y	1	A-	2	00:17:29	17.48	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	10	y	1	B+	1	00:17:47	17.78	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	11	y	1	C+	1	00:18:02	18.03	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	12	y	1	E-	2	00:18:09	18.15	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	13	y	1	Fa	2	00:18:30	18.5	00:00:21	0.35
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	14	y	1	Fa	0	00:26:44	26.73	00:08:14	8.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	15	y	1	Fa	0	00:27:01	27.02	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	16	y	1	F-	2	00:27:09	27.15	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	17	y	1	Fa	2	00:27:18	27.3	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	18	y	1	F-	2	00:27:25	27.42	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	19	y	1	Fa	2	00:38:25	38.42	00:11:00	11
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	20	y	1	Fa	0	00:38:40	38.67	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	21	y	1	E@	1	00:38:45	38.75	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	22	y	1	F-	1	00:38:53	38.88	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	23	y	1	D-	2	00:38:57	38.95	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	24	y	1	B+	2	00:39:05	39.08	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	25	y	1	A-	1	00:39:12	39.2	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	26	y	1	Dx	3	00:39:15	39.25	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	27	y	1	E-	3	00:39:24	39.4	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	28	y	1	Dx	3	00:43:28	43.47	00:04:04	4.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	29	y	1	Da	1	00:43:35	43.58	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	30	y	1	E@	1	00:43:41	43.68	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	31	y	1	Bx	3	00:43:45	43.75	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	32	y	1	Aa	1	00:43:49	43.82	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	33	y	1	E-	4	01:02:44	62.73	00:18:55	18.9167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	34	y	1	E@	1	01:02:48	62.8	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	35	y	1	F-	1	01:02:57	62.95	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	36	y	1	D-	2	01:03:05	63.08	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	37	y	1	F-	2	01:03:14	63.23	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	38	y	1	Fa	2	01:03:20	63.33	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	39	y	1	Fa	0	01:04:26	64.43	00:01:06	1.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	40	y	1	Ex	1	01:31:08	91.13	00:26:42	26.7
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	41	y	1	Fa	1	01:31:26	91.43	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	42	y	1	E@	1	01:31:29	91.48	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	43	y	1	F-	1	01:31:32	91.53	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	44	y	1	Fa	2	01:31:36	91.6	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	45	y	1	Ex	1	01:31:38	91.63	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	46	y	1	A-	4	01:31:46	91.77	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	47	y	1	Ba	2	01:44:24	104.4	00:12:38	12.6333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	48	y	1	A-	2	01:44:31	104.52	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	49	y	1	C-	2	01:44:35	104.58	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	50	y	1	Ba	2	01:44:41	104.68	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	51	y	1	Da	2	02:04:14	124.23	00:19:33	19.55
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	52	y	1	Cx	1	02:04:27	124.45	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	53	y	1	Ba	1	02:04:35	124.58	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	54	y	1	C+	3	02:04:40	124.67	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	55	y	1	D@	2	02:04:44	124.73	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	56	y	1	Da	1	02:05:02	125.03	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	57	y	1	Cx	1	02:05:08	125.13	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	58	y	1	Ex	2	02:05:10	125.17	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	59	y	1	Fa	1	02:05:16	125.27	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	60	y	1	Fa	0	02:05:26	125.43	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	61	y	1	Ex	1	02:23:38	143.63	00:18:12	18.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	62	y	1	Fa	1	02:23:48	143.8	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	63	y	1	E@	1	02:23:55	143.92	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	64	y	1	F-	1	02:23:59	143.98	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	65	y	1	E@	1	02:24:04	144.07	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	66	y	1	Cx	2	02:29:36	149.6	00:05:32	5.5333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	11	R7_B11	mix	sul+	azo+	1	67	y	1	D@	2	02:29:40	149.67	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	12	R7_B12	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	15	R7_B15	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	18	R7_B18	mix	sul+	azo+	0	1	y	1	C+	NA	01:33:51	93.85	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	1	y	1	E-	NA	00:33:29	33.48	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	2	y	1	E-	0	00:34:44	34.73	00:01:15	1.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	3	y	1	F-	1	00:35:06	35.1	00:00:22	0.3667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	4	y	1	E-	1	00:35:25	35.42	00:00:19	0.3167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	5	y	1	F-	1	00:35:34	35.57	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	6	y	1	Ca	3	00:36:33	36.55	00:00:59	0.9833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	7	y	1	Bx	1	00:36:48	36.8	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	8	y	1	Ca	1	00:36:50	36.83	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	9	y	1	Dx	1	00:36:55	36.92	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	10	y	1	Ca	1	00:37:06	37.1	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	11	y	1	B@	1	00:37:21	37.35	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	12	y	1	C-	1	00:37:36	37.6	00:00:15	0.25

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	13	y	1	D-	1	00:37:46	37.77	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	14	y	1	E-	1	00:37:55	37.92	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	15	y	1	D-	1	00:38:02	38.03	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	16	y	1	C-	1	00:38:06	38.1	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	17	y	1	B+	1	00:38:13	38.22	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	18	y	1	C-	1	00:38:23	38.38	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	19	y	1	C-	0	00:38:51	38.85	00:00:28	0.4667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	20	y	1	B@	1	00:38:55	38.92	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	21	y	1	Aa	1	00:39:10	39.17	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	22	y	1	Ca	2	00:39:22	39.37	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	23	y	1	B@	1	00:39:27	39.45	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	24	y	1	A-	1	00:39:37	39.62	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	25	y	1	B+	1	00:39:44	39.73	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	26	y	1	C+	1	00:39:52	39.87	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	27	y	1	C-	1	00:40:00	40	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	28	y	1	B@	1	00:40:07	40.12	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	29	y	1	E-	3	00:40:11	40.18	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	30	y	1	F-	1	00:40:48	40.8	00:00:37	0.6167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	31	y	1	Fa	2	00:41:07	41.12	00:00:19	0.3167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	32	y	1	Da	2	00:41:13	41.22	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	33	y	1	Dx	1	00:45:31	45.52	00:04:18	4.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	34	y	1	Da	1	00:45:48	45.8	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	35	y	1	E@	1	00:46:05	46.08	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	36	y	1	D-	1	00:47:40	47.67	00:01:35	1.5833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	37	y	1	Aa	3	01:49:49	109.82	01:02:09	62.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	38	y	1	E@	4	01:50:03	110.05	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	39	p	0	B-	3	01:50:33	110.55	00:00:30	0.5
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	19	R7_B19	mix	sul+	azo+	1	40	y	1	Fa	4	01:51:23	111.38	00:00:50	0.8333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	20	R7_B20	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	1	y	1	Ca	NA	00:14:39	14.65	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	2	p	0	Cx	1	00:15:29	15.48	00:00:50	0.8333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	3	y	1	Bx	1	00:15:39	15.65	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	4	p	0	Ax	1	00:16:09	16.15	00:00:30	0.5
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	5	y	1	Ca	2	00:16:23	16.38	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	6	y	1	E@	2	00:16:34	16.57	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	7	y	1	Fa	1	00:16:57	16.95	00:00:23	0.3833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	8	y	1	Fa	0	00:17:41	17.68	00:00:44	0.7333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	9	p	0	Ea	1	00:18:05	18.08	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	10	y	1	E@	1	00:18:07	18.12	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	11	p	0	D+	2	00:18:25	18.42	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	12	y	1	C-	1	00:18:38	18.63	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	13	y	1	A-	2	00:19:10	19.17	00:00:32	0.5333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	14	y	1	C-	2	00:20:00	20	00:00:50	0.8333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	15	p	0	B-	1	00:20:17	20.28	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	16	y	1	B@	1	00:20:21	20.35	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	17	y	1	Aa	1	00:30:29	30.48	00:10:08	10.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	18	y	1	B@	1	00:30:50	30.83	00:00:21	0.35
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	19	y	1	Ca	1	00:31:00	31	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	20	p	0	Ba	1	00:31:10	31.17	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	21	y	1	Aa	1	00:31:12	31.2	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	22	y	1	A-	2	00:31:22	31.37	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	23	y	1	B+	1	00:31:32	31.53	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	24	y	1	E-	3	00:31:50	31.83	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	25	y	1	C-	2	00:49:47	49.78	00:17:57	17.95
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	26	y	1	A-	2	00:49:58	49.97	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	27	y	1	B+	1	00:50:06	50.1	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	28	y	1	C+	1	00:50:15	50.25	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	29	y	1	C-	1	00:50:22	50.37	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	30	y	1	Ca	2	00:50:25	50.42	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	31	y	1	Dx	1	00:50:41	50.68	00:00:16	0.2667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	32	y	1	Da	1	00:50:54	50.9	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	33	y	1	Fa	2	00:50:59	50.98	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	34	y	1	Ca	3	00:51:08	51.13	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	35	y	1	Ca	0	00:51:17	51.28	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	36	y	1	Dx	1	00:51:22	51.37	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	37	y	1	Dx	0	00:51:29	51.48	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	38	y	1	Bx	2	00:51:53	51.88	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	39	y	1	F-	4	01:07:37	67.62	00:15:44	15.7333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	40	y	1	E@	1	01:07:44	67.73	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	41	y	1	Fa	1	01:07:57	67.95	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	42	y	1	E@	1	01:08:08	68.13	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	43	y	1	F-	1	01:08:10	68.17	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	44	y	1	Fa	2	01:08:13	68.22	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	45	y	1	Ex	1	01:28:46	88.77	00:20:33	20.55
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	46	y	1	Da	1	01:28:56	88.93	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	47	y	1	E+	3	01:29:00	89	00:00:04	0.0667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	48	y	1	C+	2	01:29:10	89.17	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	49	y	1	C-	1	01:29:32	89.53	00:00:22	0.3667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	50	y	1	E@	2	02:17:28	137.47	00:47:56	47.9333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	22	R7_B22	azo	sul-	azo+	1	51	y	1	D@	1	02:17:35	137.58	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	1	p	0	F@	NA	00:02:17	2.28	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	2	p	0	A+	5	00:02:26	2.43	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	3	p	0	F+	5	00:02:43	2.72	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	4	p	0	A+	5	00:03:13	3.22	00:00:30	0.5
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	5	p	0	D@	3	00:04:12	4.2	00:00:59	0.9833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	6	p	0	D@	0	00:07:12	7.2	00:03:00	3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	7	p	0	F+	2	00:08:07	8.12	00:00:55	0.9167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	8	p	0	Fx	4	00:08:21	8.35	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	9	p	0	C@	3	00:08:41	8.68	00:00:20	0.3333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	10	p	0	B-	1	00:08:48	8.8	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	11	p	0	D@	2	00:09:42	9.7	00:00:54	0.9
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	12	p	0	Ea	1	00:09:51	9.85	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	13	p	0	C@	2	00:10:02	10.03	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	14	p	0	Ba	1	00:10:04	10.07	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	15	p	0	F@	4	00:15:59	15.98	00:05:55	5.9167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	16	p	0	F+	2	00:16:02	16.03	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	17	p	0	A+	5	00:16:11	16.18	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	18	p	0	D@	3	00:56:08	56.13	00:39:57	39.95
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	23	R7_B23	azo	sul-	azo+	0	19	p	0	Fx	2	00:56:34	56.57	00:00:26	0.4333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	26	R7_B26	azo	sul-	azo+	0	1	y	1	D-	NA	01:31:07	91.12	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	1	y	1	B+	NA	01:13:52	73.87	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	2	y	1	B+	0	01:15:30	75.5	00:01:38	1.6333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	3	y	1	A-	1	01:15:42	75.7	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	4	y	1	E-	4	01:16:19	76.32	00:00:37	0.6167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	5	y	1	A+	4	01:36:41	96.68	00:20:22	20.3667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	6	y	1	A-	1	01:36:55	96.92	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	7	y	1	Cx	3	02:16:34	136.57	00:39:39	39.65
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	28	R7_B28	azo	sul-	azo+	0	8	y	1	Fa	3	02:26:06	146.1	00:09:32	9.5333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	1	y	1	A-	NA	01:08:32	68.53	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	2	y	1	B+	1	01:09:22	69.37	00:00:50	0.8333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	3	y	1	C+	1	01:09:59	69.98	00:00:37	0.6167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	4	y	1	D-	1	01:10:25	70.42	00:00:26	0.4333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	5	y	1	E@	1	01:10:49	70.82	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	6	y	1	Fa	1	01:11:07	71.12	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	7	y	1	Aa	5	01:17:29	77.48	00:06:22	6.3667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	8	y	1	Bx	1	01:17:54	77.9	00:00:25	0.4167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	9	y	1	Fa	4	01:40:03	100.05	00:22:09	22.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	10	y	1	E@	1	01:40:41	100.68	00:00:38	0.6333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	11	y	1	D@	1	01:40:51	100.85	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	12	y	1	Da	1	01:41:05	101.08	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	13	y	1	Ex	1	01:41:13	101.22	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	14	y	1	D@	2	01:58:16	118.27	00:17:03	17.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	15	y	1	E+	2	01:58:24	118.4	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	16	y	1	F-	1	01:58:38	118.63	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	17	y	1	E@	1	02:31:05	151.08	00:32:27	32.45
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	18	y	1	F-	1	02:31:10	151.17	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	19	y	1	E+	1	02:31:20	151.33	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	20	p	0	D+	1	02:31:23	151.38	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	29	R7_B29	azo	sul-	azo+	1	21	y	1	C+	1	02:31:30	151.5	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	1	y	1	A-	NA	00:49:03	49.05	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	2	y	1	Aa	2	00:49:30	49.5	00:00:27	0.45
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	3	y	1	Bx	1	00:49:45	49.75	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	4	y	1	Bx	0	00:49:59	49.98	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	5	y	1	B@	2	00:50:05	50.08	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	6	y	1	B@	0	00:50:13	50.22	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	7	y	1	A-	1	00:50:17	50.28	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	8	y	1	B+	1	00:50:23	50.38	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	9	y	1	C+	1	00:50:33	50.55	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	10	y	1	D-	1	00:50:45	50.75	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	11	y	1	F-	2	00:50:57	50.95	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	12	y	1	Ca	3	00:53:21	53.35	00:02:24	2.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	13	y	1	B@	1	00:53:32	53.53	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	14	y	1	A-	1	00:53:38	53.63	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	15	y	1	B+	1	00:53:46	53.77	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	16	y	1	Da	3	01:16:37	76.62	00:22:51	22.85
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	17	y	1	Da	0	01:16:42	76.7	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	18	y	1	Ca	1	01:16:48	76.8	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	19	y	1	Bx	1	01:16:59	76.98	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	20	y	1	A-	3	01:17:13	77.22	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	21	y	1	B+	1	01:17:20	77.33	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	22	y	1	C+	1	01:17:26	77.43	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	23	y	1	D-	1	01:17:35	77.58	00:00:09	0.15

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	24	y	1	E+	1	01:56:16	116.27	00:38:41	38.6833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	25	y	1	C+	2	01:56:25	116.42	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	26	y	1	A+	2	01:56:32	116.53	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	27	y	1	A-	1	01:56:36	116.6	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	28	y	1	Ba	2	01:56:41	116.68	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	29	y	1	Fa	4	02:30:33	150.55	00:33:52	33.8667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	30	y	1	Aa	5	02:34:39	154.65	00:04:06	4.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	31	y	1	A-	2	02:34:44	154.73	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	30	R7_B30	azo	sul-	azo+	1	32	y	1	A+	1	02:34:48	154.8	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	31	R7_B31	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	1	y	1	F-	NA	00:25:35	25.58	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	2	y	1	E-	1	00:26:25	26.42	00:00:50	0.8333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	3	y	1	F-	1	00:26:37	26.62	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	4	y	1	E-	1	00:26:49	26.82	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	5	y	1	E@	1	00:26:54	26.9	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	6	y	1	E-	1	00:27:12	27.2	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	7	y	1	Dx	3	00:27:40	27.67	00:00:28	0.4667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	8	y	1	Ca	1	00:27:53	27.88	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	9	y	1	Da	1	00:27:56	27.93	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	10	y	1	E@	1	00:28:01	28.02	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	11	y	1	E-	1	00:29:02	29.03	00:01:01	1.0167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	12	y	1	A-	4	00:32:35	32.58	00:03:33	3.55
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	13	y	1	B+	1	00:32:44	32.73	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	14	y	1	E@	3	00:42:50	42.83	00:10:06	10.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	15	y	1	E-	1	00:42:52	42.87	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	16	y	1	D-	1	00:42:57	42.95	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	17	y	1	E@	1	00:49:50	49.83	00:06:53	6.8833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	18	y	1	E-	1	00:49:53	49.88	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	19	y	1	A-	4	00:52:00	52	00:02:07	2.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	20	y	1	Bx	3	01:01:24	61.4	00:09:24	9.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	21	y	1	Ca	1	01:01:36	61.6	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	22	y	1	D-	2	01:05:33	65.55	00:03:57	3.95
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	23	y	1	E-	1	01:05:36	65.6	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	24	y	1	C-	2	01:40:53	100.88	00:35:17	35.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	25	y	1	A+	2	01:41:22	101.37	00:00:29	0.4833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	26	y	1	Ex	4	01:47:32	107.53	00:06:10	6.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	34	R7_B34	con	sul-	azo-	1	27	y	1	A-	4	01:50:54	110.9	00:03:22	3.3667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	1	y	1	D-	NA	00:15:14	15.23	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	2	p	0	F@	2	00:27:50	27.83	00:12:36	12.6
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	3	y	1	Fa	1	00:40:29	40.48	00:12:39	12.65
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	4	y	1	Fa	0	00:41:16	41.27	00:00:47	0.7833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	5	y	1	F-	2	00:41:50	41.83	00:00:34	0.5667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	6	y	1	C-	3	00:44:24	44.4	00:02:34	2.5667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	7	y	1	Fa	3	00:44:41	44.68	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	8	y	1	F-	2	00:45:21	45.35	00:00:40	0.6667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	9	y	1	D-	2	00:45:39	45.65	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	10	y	1	C-	1	00:45:54	45.9	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	11	y	1	D-	1	00:46:13	46.22	00:00:19	0.3167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	12	y	1	E-	1	00:46:35	46.58	00:00:22	0.3667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	13	y	1	F-	1	00:46:59	46.98	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	14	y	1	Fa	2	00:47:07	47.12	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	15	y	1	A-	5	00:47:15	47.25	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	16	y	1	C-	2	00:47:32	47.53	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	17	y	1	F-	3	00:47:43	47.72	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	18	y	1	Fa	2	00:47:57	47.95	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	19	y	1	B@	4	00:50:19	50.32	00:02:22	2.3667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	20	y	1	C-	1	00:50:36	50.6	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	21	y	1	C+	1	00:51:03	51.05	00:00:27	0.45
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	22	y	1	B+	1	00:51:40	51.67	00:00:37	0.6167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	23	y	1	C+	1	00:52:03	52.05	00:00:23	0.3833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	24	y	1	D-	1	00:52:19	52.32	00:00:16	0.2667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	25	y	1	E@	1	00:52:20	52.33	00:00:01	0.0167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	26	y	1	Aa	4	00:52:53	52.88	00:00:33	0.55
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	27	y	1	Da	3	01:07:53	67.88	00:15:00	15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	28	y	1	Da	0	01:08:23	68.38	00:00:30	0.5
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	29	y	1	E@	1	01:08:28	68.47	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	30	y	1	F-	1	01:09:02	69.03	00:00:34	0.5667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	31	y	1	D-	2	01:09:10	69.17	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	32	y	1	C-	1	01:09:16	69.27	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	33	y	1	Aa	2	01:10:08	70.13	00:00:52	0.8667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	34	y	1	Bx	1	01:10:28	70.47	00:00:20	0.3333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	35	y	1	Ca	1	01:10:52	70.87	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	36	y	1	E-	2	01:10:57	70.95	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	37	y	1	Aa	4	01:47:13	107.22	00:36:16	36.2667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	38	y	1	Da	3	01:47:53	107.88	00:00:40	0.6667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	39	y	1	D@	1	01:48:13	108.22	00:00:20	0.3333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	40	y	1	A+	3	01:48:18	108.3	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	41	y	1	C+	2	01:49:36	109.6	00:01:18	1.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	42	y	1	Ba	3	01:49:45	109.75	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	35	R7_B35	con	sul-	azo-	0	43	y	1	F-	4	01:56:09	116.15	00:06:24	6.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	41	R7_B41	con	sul-	azo-	1	1	y	1	D-	NA	01:33:59	93.98	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	42	R7_B42	con	sul-	azo-	1	1	y	1	A-	NA	01:46:10	106.17	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	42	R7_B42	con	sul-	azo-	1	2	y	1	A+	1	01:47:17	107.28	00:01:07	1.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	42	R7_B42	con	sul-	azo-	1	3	y	1	Ba	3	01:47:55	107.92	00:00:38	0.6333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	42	R7_B42	con	sul-	azo-	1	4	y	1	Aa	1	01:53:45	113.75	00:05:50	5.8333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	42	R7_B42	con	sul-	azo-	1	5	y	1	Ba	1	01:55:12	115.2	00:01:27	1.45
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	42	R7_B42	con	sul-	azo-	1	6	y	1	Aa	1	02:00:03	120.05	00:04:51	4.85
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	42	R7_B42	con	sul-	azo-	1	7	y	1	Ba	1	02:00:07	120.12	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	1	y	1	A-	NA	00:35:02	35.03	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	2	y	1	C-	2	00:35:44	35.73	00:00:42	0.7
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	3	y	1	E-	2	00:36:08	36.13	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	4	y	1	E@	1	00:36:39	36.65	00:00:31	0.5167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	5	y	1	D-	1	00:36:52	36.87	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	6	y	1	C-	1	00:37:26	37.43	00:00:34	0.5667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	7	y	1	Ca	2	00:37:35	37.58	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	8	y	1	C-	2	00:38:09	38.15	00:00:34	0.5667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	9	y	1	C+	1	00:38:20	38.33	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	10	y	1	E@	2	00:38:35	38.58	00:00:15	0.25
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	11	y	1	C+	2	00:38:59	38.98	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	12	y	1	Da	3	00:39:08	39.13	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	13	y	1	Dx	1	00:42:34	42.57	00:03:26	3.4333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	14	y	1	Dx	0	00:42:46	42.77	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	15	y	1	Aa	3	00:42:53	42.88	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	16	y	1	A-	2	00:43:00	43	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	17	y	1	B+	1	00:43:20	43.33	00:00:20	0.3333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	18	y	1	Bx	4	01:26:11	86.18	00:42:51	42.85
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	19	y	1	Ca	1	01:26:54	86.9	00:00:43	0.7167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	20	y	1	Ba	1	01:35:57	95.95	00:09:03	9.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	21	y	1	Aa	1	01:36:09	96.15	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	22	y	1	Da	3	01:37:12	97.2	00:01:03	1.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	23	y	1	D@	1	01:38:20	98.33	00:01:08	1.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	24	y	1	Ex	2	01:39:24	99.4	00:01:04	1.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	25	y	1	C+	4	02:07:20	127.33	00:27:56	27.9333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	26	y	1	D-	1	02:07:24	127.4	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	27	y	1	D@	1	02:07:37	127.62	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	28	y	1	Da	1	02:07:44	127.73	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	29	y	1	Ex	1	02:07:50	127.83	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	45	R7_B45	con	sul-	azo-	1	30	y	1	Da	1	02:29:43	149.72	00:21:53	21.8833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	1	y	1	F-	NA	01:13:12	73.2	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	2	y	1	E-	1	01:22:08	82.13	00:08:56	8.9333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	3	y	1	E@	1	01:25:06	85.1	00:02:58	2.9667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	4	y	1	E@	0	01:29:30	89.5	00:04:24	4.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	5	y	1	D-	1	01:30:00	90	00:00:30	0.5
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	6	y	1	C-	1	01:31:35	91.58	00:01:35	1.5833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	7	y	1	C-	0	01:37:56	97.93	00:06:21	6.35
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	8	y	1	D@	1	01:38:59	98.98	00:01:03	1.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	9	y	1	Da	1	01:40:06	100.1	00:01:07	1.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	10	y	1	Da	0	01:40:48	100.8	00:00:42	0.7
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	11	y	1	E@	1	01:41:02	101.03	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	12	y	1	Da	1	01:41:36	101.6	00:00:34	0.5667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	13	y	1	Ex	1	01:41:59	101.98	00:00:23	0.3833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	14	y	1	Ex	0	01:42:15	102.25	00:00:16	0.2667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	15	y	1	Fa	1	01:42:22	102.37	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	16	y	1	F-	2	01:42:36	102.6	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	17	y	1	E+	1	01:43:02	103.03	00:00:26	0.4333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	18	y	1	E@	2	01:43:35	103.58	00:00:33	0.55
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	19	y	1	D@	1	01:43:40	103.67	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	20	y	1	C+	2	01:43:54	103.9	00:00:14	0.2333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	21	y	1	E@	2	01:45:21	105.35	00:01:27	1.45
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	22	y	1	D@	1	01:45:30	105.5	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	23	y	1	E@	1	01:45:55	105.92	00:00:25	0.4167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	24	y	1	F-	1	01:46:19	106.32	00:00:24	0.4
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	25	y	1	F-	0	01:48:27	108.45	00:02:08	2.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	26	p	0	E-	1	01:48:39	108.65	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	27	y	1	C-	2	01:48:57	108.95	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	28	p	0	Ca	2	02:01:38	121.63	00:12:41	12.6833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	29	y	1	Cx	1	02:01:40	121.67	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	30	y	1	D@	2	02:06:40	126.67	00:05:00	5
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	31	y	1	E@	1	02:06:46	126.77	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	32	p	0	A@	4	02:27:37	147.62	00:20:51	20.85
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	33	y	1	Aa	1	02:27:39	147.65	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	34	y	1	Ba	1	02:27:48	147.8	00:00:09	0.15

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	35	y	1	C-	2	02:28:06	148.1	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	46	R7_B46	sul	sul+	azo-	1	36	y	1	C+	1	02:30:25	150.42	00:02:19	2.3167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	50	R7_B50	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	51	R7_B51	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	1	y	1	F-	NA	00:07:15	7.25	NA	NA
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	2	y	1	E-	1	00:07:34	7.57	00:00:19	0.3167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	3	y	1	D-	1	00:07:43	7.72	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	4	y	1	E@	1	00:08:01	8.02	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	5	y	1	Fa	1	00:08:11	8.18	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	6	p	0	F@	1	00:08:24	8.4	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	7	y	1	F-	1	00:08:27	8.45	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	8	y	1	D-	2	00:08:35	8.58	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	9	y	1	C-	1	00:08:38	8.63	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	10	y	1	A-	2	00:08:47	8.78	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	11	y	1	Aa	2	00:08:53	8.88	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	12	y	1	Bx	1	00:08:57	8.95	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	13	p	0	Cx	1	00:09:05	9.08	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	14	y	1	Dx	1	00:09:08	9.13	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	15	y	1	Da	1	00:09:12	9.2	00:00:04	0.0667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	16	y	1	E@	1	00:09:20	9.33	00:00:08	0.1333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	17	y	1	Fa	1	00:10:25	10.42	00:01:05	1.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	18	y	1	E@	1	00:10:32	10.53	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	19	y	1	E@	0	00:20:37	20.62	00:10:05	10.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	20	y	1	E-	1	00:20:50	20.83	00:00:13	0.2167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	21	y	1	D-	1	00:20:59	20.98	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	22	y	1	E-	1	00:21:00	21	00:00:01	0.0167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	23	y	1	F-	1	00:21:03	21.05	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	24	y	1	C-	3	00:21:20	21.33	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	25	y	1	Dx	3	00:23:08	23.13	00:01:48	1.8
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	26	y	1	E@	2	00:27:20	27.33	00:04:12	4.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	27	y	1	E-	1	00:27:32	27.53	00:00:12	0.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	28	y	1	Ca	2	00:42:24	42.4	00:14:52	14.8667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	29	y	1	B@	1	00:42:29	42.48	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	30	y	1	E-	3	00:50:49	50.82	00:08:20	8.3333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	31	y	1	E@	1	00:51:06	51.1	00:00:17	0.2833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	32	y	1	Fa	1	00:51:24	51.4	00:00:18	0.3
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	33	y	1	A-	5	01:26:43	86.72	00:35:19	35.3167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	34	y	1	B+	1	01:26:53	86.88	00:00:10	0.1667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	35	y	1	C+	1	01:27:02	87.03	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	36	y	1	C-	1	01:27:07	87.12	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	37	y	1	C-	0	01:27:18	87.3	00:00:11	0.1833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	38	y	1	A-	2	01:28:14	88.23	00:00:56	0.9333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	39	y	1	D@	3	01:28:42	88.7	00:00:28	0.4667
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	40	y	1	D-	1	01:29:08	89.13	00:00:26	0.4333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	41	y	1	E+	1	01:29:14	89.23	00:00:06	0.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	42	y	1	F-	1	01:29:16	89.27	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	43	y	1	Ex	3	01:38:17	98.28	00:09:01	9.0167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	44	y	1	Fa	1	01:38:22	98.37	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	45	y	1	F-	2	01:38:25	98.42	00:00:03	0.05
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	46	y	1	Ex	3	01:39:31	99.52	00:01:06	1.1
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	47	y	1	Fa	1	02:01:21	121.35	00:21:50	21.8333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	48	y	1	Ex	1	02:01:41	121.68	00:00:20	0.3333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	49	y	1	E@	2	02:01:46	121.77	00:00:05	0.0833
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	50	y	1	Fa	1	02:01:48	121.8	00:00:02	0.0333
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	51	y	1	D@	2	02:28:00	148	00:26:12	26.2
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	52	y	1	E@	1	02:28:09	148.15	00:00:09	0.15
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	53	y	1	F-	1	02:28:16	148.27	00:00:07	0.1167
06.05.2021	R7	yellow	2	44	11:45	14:20	02:35	0	95	1	0	56	R7_B56	sul	sul+	azo-	1	54	y	1	Fa	2	02:28:23	148.38	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	1	y	1	E@	NA	00:26:44	26.73	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	2	y	1	Da	1	00:27:44	27.73	00:01:00	1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	3	y	1	Da	0	00:27:56	27.93	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	4	y	1	E@	1	00:28:45	28.75	00:00:49	0.8167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	5	y	1	Fa	1	00:29:19	29.32	00:00:34	0.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	6	y	1	Dx	2	00:29:59	29.98	00:00:40	0.6667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	7	y	1	E+	4	00:30:56	30.93	00:00:57	0.95
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	8	y	1	A-	4	00:31:50	31.83	00:00:54	0.9
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	9	y	1	A-	0	00:32:41	32.68	00:00:51	0.85
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	10	y	1	Ax	3	00:32:50	32.83	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	11	y	1	Dx	3	00:33:39	33.65	00:00:49	0.8167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	12	y	1	Fa	2	00:34:11	34.18	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	13	y	1	E@	1	00:34:33	34.55	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	14	y	1	E@	0	00:34:55	34.92	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	15	y	1	D-	1	00:35:02	35.03	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	16	y	1	C@	1	00:35:24	35.4	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	17	y	1	B-	1	00:35:37	35.62	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	18	y	1	B+	1	00:36:11	36.18	00:00:34	0.5667

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	19	y	1	D-	2	00:36:28	36.47	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	20	y	1	F+	2	00:36:32	36.53	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	21	y	1	F+	0	00:36:44	36.73	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	22	y	1	E@	2	00:45:16	45.27	00:08:32	8.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	23	y	1	C@	2	00:45:45	45.75	00:00:29	0.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	24	y	1	Ca	1	00:45:57	45.95	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	25	y	1	Ba	1	00:46:18	46.3	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	26	y	1	B-	2	00:46:22	46.37	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	27	y	1	A-	1	00:46:27	46.45	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	28	y	1	Ba	2	01:38:37	98.62	00:52:10	52.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	10	R8_B10	azo	sul-	azo+	1	29	y	1	Aa	1	01:39:00	99	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	15	R8_B15	azo	sul-	azo+	1	1	y	1	D+	NA	01:25:22	85.37	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	15	R8_B15	azo	sul-	azo+	1	2	y	1	C@	2	01:25:27	85.45	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	15	R8_B15	azo	sul-	azo+	1	3	y	1	D@	1	01:27:19	87.32	00:01:52	1.8667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	15	R8_B15	azo	sul-	azo+	1	4	y	1	D@	0	01:28:00	88	00:00:41	0.6833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	15	R8_B15	azo	sul-	azo+	1	5	y	1	Aa	3	01:28:13	88.22	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	1	y	1	B+	NA	00:03:37	3.62	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	2	y	1	F+	4	00:04:28	4.47	00:00:51	0.85
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	3	y	1	E+	1	00:05:56	5.93	00:01:28	1.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	4	y	1	C+	2	00:06:22	6.37	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	5	y	1	Ax	4	00:06:42	6.7	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	6	y	1	D-	3	00:06:52	6.87	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	7	y	1	E@	1	00:07:01	7.02	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	8	y	1	D-	1	00:07:51	7.85	00:00:50	0.8333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	9	y	1	B+	2	00:08:01	8.02	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	10	y	1	Ba	3	00:08:05	8.08	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	11	y	1	Ax	1	00:08:17	8.28	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	12	y	1	Dx	3	00:11:01	11.02	00:02:44	2.7333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	13	y	1	Da	1	00:11:29	11.48	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	14	y	1	D-	2	00:11:57	11.95	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	15	y	1	F+	2	00:12:26	12.43	00:00:29	0.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	16	y	1	Fa	3	00:12:39	12.65	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	17	y	1	E+	3	00:13:25	13.42	00:00:46	0.7667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	18	y	1	D-	1	00:13:52	13.87	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	19	y	1	Ax	3	00:14:22	14.37	00:00:30	0.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	20	y	1	Ba	1	00:14:29	14.48	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	21	y	1	Dx	2	00:14:38	14.63	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	22	y	1	Fa	2	00:14:45	14.75	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	23	y	1	F+	3	00:15:11	15.18	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	24	y	1	E+	1	00:15:19	15.32	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	25	y	1	D-	1	00:15:26	15.43	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	26	y	1	C@	1	00:15:38	15.63	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	27	y	1	Ba	1	00:15:43	15.72	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	28	y	1	Ax	1	00:15:55	15.92	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	29	y	1	Ba	1	00:16:03	16.05	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	30	y	1	Cx	1	00:16:05	16.08	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	31	y	1	Dx	1	00:16:13	16.22	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	32	y	1	Da	1	00:16:24	16.4	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	33	y	1	E@	1	00:16:36	16.6	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	34	y	1	Dx	2	00:16:41	16.68	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	35	y	1	Ba	2	00:16:45	16.75	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	36	y	1	Ax	1	00:16:56	16.93	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	37	y	1	B-	3	00:17:07	17.12	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	38	y	1	B+	1	00:17:24	17.4	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	39	y	1	B-	1	00:17:37	17.62	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	40	y	1	C+	1	00:17:43	17.72	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	41	y	1	C@	2	00:17:47	17.78	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	42	y	1	E@	2	00:18:00	18	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	43	y	1	Dx	2	00:18:16	18.27	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	45	y	1	Cx	1	00:18:36	18.6	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	46	y	1	Ba	1	00:18:45	18.75	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	47	y	1	C@	1	00:18:51	18.85	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	48	y	1	B-	1	00:18:59	18.98	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	49	y	1	B+	1	00:19:08	19.13	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	50	y	1	A-	1	00:19:20	19.33	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	51	y	1	B+	1	00:19:36	19.6	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	52	y	1	Ax	4	00:19:51	19.85	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	53	y	1	A-	3	00:19:58	19.97	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	54	y	1	C+	2	00:20:15	20.25	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	56	y	1	D-	1	00:20:26	20.43	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	57	y	1	A-	3	00:36:37	36.62	00:16:11	16.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	58	y	1	Da	3	00:36:50	36.83	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	59	y	1	Dx	1	00:37:09	37.15	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	60	y	1	Cx	1	00:37:20	37.33	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	61	y	1	Ba	1	00:37:40	37.67	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	62	y	1	E+	3	00:37:57	37.95	00:00:17	0.2833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	63	y	1	Fa	3	00:38:01	38.02	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	64	y	1	A-	5	01:33:04	93.07	00:55:03	55.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	65	y	1	B+	1	01:33:28	93.47	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	17	R8_B17	azo	sul-	azo+	1	66	y	1	C@	2	01:33:45	93.75	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	21	R8_B21	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	1	y	1	A-	NA	00:24:12	24.2	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	2	y	1	D-	3	01:08:25	68.42	00:44:13	44.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	3	y	1	D-	0	01:10:29	70.48	00:02:04	2.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	4	y	1	D-	0	01:11:34	71.57	00:01:05	1.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	5	y	1	E+	1	01:12:26	72.43	00:00:52	0.8667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	6	p	0	E+	0	01:18:13	78.22	00:05:47	5.7833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	7	y	1	D@	2	01:19:15	79.25	00:01:02	1.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	8	p	0	C+	2	01:21:53	81.88	00:02:38	2.6333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	9	y	1	Ex	4	01:21:57	81.95	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	10	y	1	Ex	0	01:22:19	82.32	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	11	y	1	B-	3	01:23:21	83.35	00:01:02	1.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	12	y	1	C@	1	01:26:39	86.65	00:03:18	3.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	13	y	1	B-	1	01:27:53	87.88	00:01:14	1.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	14	p	0	C-	1	01:30:28	90.47	00:02:35	2.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	15	y	1	B-	1	01:30:32	90.53	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	16	y	1	E-	3	01:30:59	90.98	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	17	y	1	D+	1	01:31:23	91.38	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	18	y	1	E-	1	01:34:34	94.57	00:03:11	3.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	19	y	1	E-	0	01:36:20	96.33	00:01:46	1.7667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	20	y	1	D+	1	01:38:07	98.12	00:01:47	1.7833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	21	y	1	D@	2	01:40:12	100.2	00:02:05	2.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	22	y	1	D@	0	01:40:42	100.7	00:00:30	0.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	23	y	1	D+	2	01:42:17	102.28	00:01:35	1.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	24	y	1	C@	2	01:42:48	102.8	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	25	y	1	Aa	2	01:43:12	103.2	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	26	y	1	B-	2	01:43:30	103.5	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	27	y	1	B-	0	01:44:28	104.47	00:00:58	0.9667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	28	y	1	D@	2	01:45:44	105.73	00:01:16	1.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	29	y	1	D+	2	01:46:46	106.77	00:01:02	1.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	30	y	1	E-	1	01:47:00	107	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	31	y	1	D+	1	01:49:25	109.42	00:02:25	2.4167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	32	y	1	E-	1	01:50:30	110.5	00:01:05	1.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	29	R8_B29	mix	sul+	azo+	1	33	y	1	F@	1	01:50:44	110.73	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	30	R8_B30	mix	sul+	azo+	0	1	p	0	Da	NA	01:30:40	90.67	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	30	R8_B30	mix	sul+	azo+	0	2	p	0	A@	3	01:30:43	90.72	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	32	R8_B32	mix	sul+	azo+	1	1	y	1	A-	NA	01:08:29	68.48	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	1	y	1	Da	NA	00:18:03	18.05	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	2	y	1	C@	1	00:20:29	20.48	00:02:26	2.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	3	y	1	B+	2	00:20:34	20.57	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	4	y	1	A-	1	00:20:45	20.75	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	5	y	1	Ba	2	00:21:12	21.2	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	6	y	1	Ax	1	00:21:16	21.27	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	7	y	1	Ax	0	00:21:31	21.52	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	8	y	1	Ax	0	00:21:44	21.73	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	9	y	1	Ba	1	00:22:42	22.7	00:00:58	0.9667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	10	y	1	C@	1	00:23:04	23.07	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	11	y	1	D-	1	00:23:13	23.22	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	12	y	1	C+	1	00:23:43	23.72	00:00:30	0.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	13	y	1	B+	1	00:24:17	24.28	00:00:34	0.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	14	y	1	B+	0	00:24:40	24.67	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	15	y	1	A-	1	00:24:43	24.72	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	16	y	1	B-	1	00:25:12	25.2	00:00:29	0.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	17	y	1	A-	1	00:25:34	25.57	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	18	y	1	B-	1	00:25:46	25.77	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	19	y	1	Ax	3	00:25:54	25.9	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	20	y	1	Da	3	00:26:36	26.6	00:00:42	0.7
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	21	y	1	D-	2	00:26:58	26.97	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	22	y	1	C+	1	00:27:11	27.18	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	23	y	1	B+	1	00:27:24	27.4	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	24	y	1	B-	1	00:27:47	27.78	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	25	y	1	Ba	2	00:27:54	27.9	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	26	y	1	Ax	1	00:28:30	28.5	00:00:36	0.6
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	27	y	1	Ba	1	00:28:33	28.55	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	28	y	1	B+	3	00:29:04	29.07	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	29	y	1	D-	2	00:29:41	29.68	00:00:37	0.6167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	30	y	1	E@	1	00:30:04	30.07	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	31	y	1	Fa	1	00:30:14	30.23	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	32	y	1	Cx	3	00:30:28	30.47	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	33	y	1	Dx	1	00:30:54	30.9	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	34	y	1	Da	1	00:31:04	31.07	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	35	y	1	Cx	1	00:31:29	31.48	00:00:25	0.4167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	36	y	1	Cx	0	00:32:00	32	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	37	y	1	Ax	2	00:32:12	32.2	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	38	y	1	Ax	0	00:32:25	32.42	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	39	y	1	C+	4	00:34:50	34.83	00:02:25	2.4167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	40	y	1	B+	1	00:35:07	35.12	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	41	y	1	Ba	3	00:35:29	35.48	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	42	y	1	C@	1	00:35:41	35.68	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	43	y	1	Ba	1	00:35:48	35.8	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	44	y	1	Dx	2	00:36:42	36.7	00:00:54	0.9
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	45	y	1	E@	2	00:36:58	36.97	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	46	y	1	F+	2	00:37:12	37.2	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	47	y	1	E@	2	00:37:21	37.35	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	48	y	1	D-	1	00:37:28	37.47	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	49	y	1	C@	1	00:37:31	37.52	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	50	y	1	A-	2	00:37:50	37.83	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	51	y	1	C@	2	00:38:11	38.18	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	52	y	1	B-	1	00:38:18	38.3	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	53	y	1	A-	1	00:38:30	38.5	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	54	y	1	B-	1	00:38:39	38.65	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	55	y	1	B+	1	00:38:58	38.97	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	39	R8_B39	mix	sul+	azo+	1	56	y	1	C@	2	00:39:04	39.07	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	42	R8_B42	mix	sul+	azo+	1	1	y	1	B+	NA	00:58:18	58.3	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	42	R8_B42	mix	sul+	azo+	1	2	y	1	E+	3	01:00:04	60.07	00:01:46	1.7667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	42	R8_B42	mix	sul+	azo+	1	3	y	1	F+	1	01:08:01	68.02	00:07:57	7.95
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	42	R8_B42	mix	sul+	azo+	1	4	y	1	F+	0	01:08:36	68.6	00:00:35	0.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	1	p	0	Bx	NA	00:59:04	59.07	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	2	y	1	Ax	1	00:59:35	59.58	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	3	y	1	C@	2	01:01:39	61.65	00:02:04	2.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	4	y	1	D-	1	01:02:11	62.18	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	5	y	1	E@	1	01:02:24	62.4	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	6	y	1	Da	1	01:02:29	62.48	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	7	y	1	Dx	1	01:02:35	62.58	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	8	y	1	Fa	2	01:02:41	62.68	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	9	y	1	F+	3	01:03:17	63.28	00:00:36	0.6
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	10	y	1	E@	2	01:03:26	63.43	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	11	y	1	D-	1	01:03:32	63.53	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	12	y	1	B+	2	01:03:40	63.67	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	13	y	1	E+	3	01:04:07	64.12	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	14	y	1	D-	1	01:04:25	64.42	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	15	y	1	C+	1	01:04:30	64.5	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	16	y	1	B+	1	01:04:57	64.95	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	17	y	1	B-	1	01:05:04	65.07	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	18	y	1	A-	1	01:05:22	65.37	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	19	y	1	C+	2	01:05:58	65.97	00:00:36	0.6
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	20	y	1	C@	2	01:06:18	66.3	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	21	y	1	Ba	1	01:06:28	66.47	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	22	y	1	Cx	1	01:06:47	66.78	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	23	y	1	Dx	1	01:06:56	66.93	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	24	y	1	E@	2	01:07:16	67.27	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	25	y	1	C@	2	01:07:41	67.68	00:00:25	0.4167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	26	y	1	B-	1	01:07:51	67.85	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	27	y	1	A-	1	01:57:06	117.1	00:49:15	49.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	28	y	1	B+	1	01:57:45	117.75	00:00:39	0.65
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	29	y	1	C@	2	01:58:00	118	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	48	R8_B48	mix	sul+	azo+	1	30	y	1	A@	2	01:58:08	118.13	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	1	y	1	Ax	NA	01:14:00	74	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	2	y	1	C@	2	01:15:13	75.22	00:01:13	1.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	3	y	1	Ea	2	01:16:42	76.7	00:01:29	1.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	4	y	1	Cx	2	01:17:47	77.78	00:01:05	1.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	5	y	1	Cx	0	01:18:05	78.08	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	6	y	1	Dx	1	01:18:20	78.33	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	7	y	1	F@	2	01:18:27	78.45	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	8	y	1	D+	2	01:19:18	79.3	00:00:51	0.85
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	9	y	1	F@	2	01:19:36	79.6	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	10	y	1	Fx	2	01:20:10	80.17	00:00:34	0.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	11	y	1	Dx	2	01:20:49	80.82	00:00:39	0.65
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	12	y	1	Ex	1	01:21:13	81.22	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	13	y	1	F@	2	01:21:40	81.67	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	14	y	1	F@	0	01:21:50	81.83	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	15	y	1	D+	2	01:22:10	82.17	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	16	y	1	F@	2	01:22:16	82.27	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	17	y	1	Fx	2	01:22:22	82.37	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	18	y	1	F@	2	01:22:37	82.62	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	19	y	1	E-	1	01:22:41	82.68	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	20	y	1	D+	1	01:22:57	82.95	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	21	y	1	B-	2	01:23:06	83.1	00:00:09	0.15

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	50	R8_B50	mix	sul+	azo+	0	22	y	1	E-	3	01:39:35	99.58	00:16:29	16.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	1	y	1	D+	NA	01:57:04	117.07	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	2	y	1	B+	2	01:58:18	118.3	00:01:14	1.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	3	y	1	D+	2	02:01:40	121.67	00:03:22	3.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	4	y	1	D@	2	02:04:35	124.58	00:02:55	2.9167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	5	y	1	D+	2	02:07:05	127.08	00:02:30	2.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	6	y	1	B+	2	02:08:21	128.35	00:01:16	1.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	7	y	1	A-	1	02:08:52	128.87	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	8	y	1	C-	2	02:09:29	129.48	00:00:37	0.6167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	9	y	1	C@	1	02:10:08	130.13	00:00:39	0.65
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	10	y	1	Cx	2	02:10:18	130.3	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	11	y	1	Ax	2	02:10:25	130.42	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	12	y	1	Cx	2	02:11:46	131.77	00:01:21	1.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	13	y	1	C@	2	02:12:56	132.93	00:01:10	1.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	14	y	1	C-	1	02:13:35	133.58	00:00:39	0.65
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	15	y	1	C-	0	02:14:20	134.33	00:00:45	0.75
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	54	R8_B54	sul	sul+	azo-	1	16	y	1	A-	2	02:14:33	134.55	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	1	y	1	B-	NA	00:04:25	4.42	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	2	y	1	B+	1	00:05:18	5.3	00:00:53	0.8833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	3	y	1	B+	0	00:05:34	5.57	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	4	y	1	A-	1	00:06:32	6.53	00:00:58	0.9667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	5	y	1	B-	1	00:06:58	6.97	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	6	y	1	B-	0	00:07:15	7.25	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	7	y	1	B+	1	00:07:32	7.53	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	8	y	1	A-	1	00:07:55	7.92	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	9	y	1	A-	0	00:08:15	8.25	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	10	y	1	B+	1	00:08:32	8.53	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	11	y	1	C+	1	00:08:46	8.77	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	12	y	1	E+	2	00:09:41	9.68	00:00:55	0.9167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	13	y	1	F+	1	00:09:51	9.85	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	14	y	1	E+	1	00:10:08	10.13	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	15	y	1	F+	1	00:10:14	10.23	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	16	y	1	E+	1	00:10:32	10.53	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	17	y	1	E@	2	00:11:07	11.12	00:00:35	0.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	18	y	1	D-	1	00:11:23	11.38	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	19	y	1	Ba	2	00:11:41	11.68	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	20	y	1	Ax	1	00:11:50	11.83	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	21	y	1	A-	3	00:12:13	12.22	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	22	y	1	E@	4	00:12:23	12.38	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	23	y	1	E@	0	00:12:45	12.75	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	24	y	1	Ax	4	00:12:55	12.92	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	25	y	1	Ax	0	00:13:08	13.13	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	26	y	1	Ba	1	00:13:23	13.38	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	27	y	1	B-	2	00:13:28	13.47	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	28	y	1	B+	1	00:13:42	13.7	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	29	y	1	A-	1	00:14:02	14.03	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	30	y	1	B+	1	00:14:15	14.25	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	31	y	1	C+	1	00:14:24	14.4	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	32	y	1	E+	2	00:14:52	14.87	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	33	y	1	F+	1	00:14:57	14.95	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	34	y	1	E@	2	00:15:06	15.1	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	35	y	1	B-	3	00:15:17	15.28	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	36	y	1	A-	1	00:15:32	15.53	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	37	y	1	Cx	3	00:35:55	35.92	00:20:23	20.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	38	y	1	B+	4	00:36:48	36.8	00:00:53	0.8833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	39	y	1	C+	1	00:37:05	37.08	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	40	y	1	D-	1	00:37:15	37.25	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	41	y	1	B+	2	00:37:24	37.4	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	42	y	1	B-	1	00:37:26	37.43	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	43	y	1	C+	1	01:07:55	67.92	00:30:29	30.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	44	y	1	D-	1	01:08:09	68.15	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	58	R8_B58	sul	sul+	azo-	1	45	y	1	A-	3	01:38:13	98.22	00:30:04	30.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	1	y	1	B+	NA	00:58:58	58.97	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	2	y	1	C+	1	01:03:03	63.05	00:04:05	4.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	3	y	1	D-	1	01:04:47	64.78	00:01:44	1.7333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	4	y	1	Da	2	01:06:42	66.7	00:01:55	1.9167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	5	y	1	Da	0	01:07:53	67.88	00:01:11	1.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	6	y	1	Dx	1	01:09:15	69.25	00:01:22	1.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	7	y	1	Cx	1	01:12:16	72.27	00:03:01	3.0167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	8	y	1	Ax	2	01:13:16	73.27	00:01:00	1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	9	y	1	Aa	1	01:14:51	74.85	00:01:35	1.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	10	y	1	Ba	1	01:16:24	76.4	00:01:33	1.55
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	11	y	1	Cx	1	01:17:32	77.53	00:01:08	1.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	12	y	1	Dx	1	01:18:00	78	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	13	y	1	Ex	1	01:19:43	79.72	00:01:43	1.7167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	14	y	1	Dx	1	01:22:20	82.33	00:02:37	2.6167

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	15	y	1	Dx	0	01:23:41	83.68	00:01:21	1.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	16	y	1	D+	4	01:28:34	88.57	00:04:53	4.8833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	59	R8_B59	sul	sul+	azo-	1	17	y	1	C@	2	01:42:13	102.22	00:13:39	13.65
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	60	R8_B60	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	1	y	1	C@	NA	01:26:57	86.95	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	2	y	1	Cx	2	01:30:49	90.82	00:03:52	3.8667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	3	y	1	E-	3	01:36:20	96.33	00:05:31	5.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	4	y	1	B+	3	01:36:39	96.65	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	5	y	1	Cx	4	01:37:03	97.05	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	6	y	1	Cx	0	01:38:34	98.57	00:01:31	1.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	7	y	1	Ba	1	01:39:42	99.7	00:01:08	1.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	8	y	1	Aa	1	01:40:16	100.27	00:00:34	0.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	9	y	1	Ba	1	01:40:48	100.8	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	10	y	1	A-	2	01:40:52	100.87	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	11	y	1	D+	3	01:41:02	101.03	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	12	y	1	Ea	3	01:41:15	101.25	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	13	y	1	Ex	1	01:41:44	101.73	00:00:29	0.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	14	y	1	D+	4	01:41:51	101.85	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	15	y	1	Cx	4	01:42:26	102.43	00:00:35	0.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	16	y	1	Aa	2	01:42:40	102.67	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	17	y	1	D+	3	01:42:52	102.87	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	18	y	1	D+	0	01:43:43	103.72	00:00:51	0.85
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	19	y	1	Cx	4	01:44:09	104.15	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	20	y	1	Ex	2	01:44:38	104.63	00:00:29	0.4833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	21	y	1	Fx	1	01:44:41	104.68	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	22	y	1	Ex	1	01:45:26	105.43	00:00:45	0.75
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	23	y	1	C@	2	01:45:30	105.5	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	24	y	1	D+	2	01:46:23	106.38	00:00:53	0.8833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	25	y	1	C@	2	01:46:49	106.82	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	26	y	1	E-	2	01:54:08	114.13	00:07:19	7.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	62	R8_B62	sul	sul+	azo-	0	27	y	1	F@	1	01:54:36	114.6	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	63	R8_B63	sul	sul+	azo-	1	1	y	1	D-	NA	01:10:51	70.85	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	63	R8_B63	sul	sul+	azo-	1	2	y	1	E+	1	01:11:31	71.52	00:00:40	0.6667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	63	R8_B63	sul	sul+	azo-	1	3	y	1	E+	0	01:12:26	72.43	00:00:55	0.9167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	63	R8_B63	sul	sul+	azo-	1	4	y	1	D@	2	01:18:34	78.57	00:06:08	6.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	63	R8_B63	sul	sul+	azo-	1	5	y	1	D+	2	01:22:10	82.17	00:03:36	3.6
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	63	R8_B63	sul	sul+	azo-	1	6	y	1	D+	0	01:24:06	84.1	00:01:56	1.9333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	1	y	1	B-	NA	00:04:07	4.12	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	2	y	1	Dx	3	00:04:34	4.57	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	3	y	1	Ax	3	00:07:04	7.07	00:02:30	2.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	4	y	1	Ax	0	00:07:36	7.6	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	5	y	1	Cx	2	00:08:29	8.48	00:00:53	0.8833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	6	y	1	Cx	0	00:09:06	9.1	00:00:37	0.6167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	7	y	1	Ba	1	00:09:25	9.42	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	8	y	1	Fa	4	00:09:46	9.77	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	9	y	1	C@	3	00:11:09	11.15	00:01:23	1.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	10	y	1	C@	0	00:12:05	12.08	00:00:56	0.9333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	11	y	1	Da	1	00:12:20	12.33	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	12	y	1	Da	0	00:13:02	13.03	00:00:42	0.7
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	13	y	1	Dx	1	00:13:04	13.07	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	14	y	1	C@	2	00:14:08	14.13	00:01:04	1.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	15	y	1	D-	1	00:14:32	14.53	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	16	y	1	D-	0	00:14:35	14.58	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	17	y	1	Da	2	00:14:51	14.85	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	18	y	1	Cx	1	00:15:08	15.13	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	19	y	1	D-	3	00:15:15	15.25	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	20	y	1	C+	1	00:15:21	15.35	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	21	y	1	B+	1	00:15:30	15.5	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	22	y	1	C+	1	00:15:48	15.8	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	23	y	1	B+	1	00:15:50	15.83	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	24	y	1	A-	1	00:15:58	15.97	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	25	y	1	B+	1	00:16:00	16	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	26	y	1	D-	2	00:16:32	16.53	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	27	y	1	B-	2	00:16:35	16.58	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	28	y	1	A-	1	00:17:03	17.05	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	29	y	1	A-	0	00:17:46	17.77	00:00:43	0.7167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	30	y	1	D-	3	00:17:59	17.98	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	31	y	1	E+	1	00:18:29	18.48	00:00:30	0.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	32	y	1	F+	1	00:18:56	18.93	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	33	y	1	E+	1	00:19:23	19.38	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	34	y	1	E@	2	00:19:29	19.48	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	35	y	1	Fa	1	00:20:03	20.05	00:00:34	0.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	36	y	1	D+	3	01:19:48	79.8	00:59:45	59.75
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	37	y	1	E-	1	01:20:00	80	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	38	y	1	F@	1	01:20:22	80.37	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	39	y	1	E-	1	01:20:42	80.7	00:00:20	0.3333

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	64	R8_B64	sul	sul+	azo-	1	40	y	1	Ea	2	01:20:54	80.9	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	1	y	1	C+	NA	00:13:51	13.85	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	2	y	1	B-	1	01:44:50	104.83	01:30:59	90.9833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	3	y	1	Ex	3	02:21:55	141.92	00:37:05	37.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	4	y	1	Ea	1	02:24:58	144.97	00:03:03	3.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	5	y	1	E-	2	02:26:33	146.55	00:01:35	1.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	6	y	1	D@	1	02:27:44	147.73	00:01:11	1.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	7	y	1	C@	1	02:28:10	148.17	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	8	y	1	C@	0	02:28:35	148.58	00:00:25	0.4167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	9	y	1	C-	1	02:28:41	148.68	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	10	y	1	B+	1	02:28:55	148.92	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	11	y	1	A-	1	02:28:58	148.97	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	12	y	1	Fa	5	02:29:19	149.32	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	13	y	1	F@	1	02:29:40	149.67	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	14	y	1	A@	5	02:30:00	150	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	15	y	1	C@	2	02:30:13	150.22	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	16	y	1	Ax	2	02:30:23	150.38	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	17	y	1	A@	2	02:30:30	150.5	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	18	y	1	A-	1	02:30:39	150.65	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	19	y	1	B+	1	02:30:45	150.75	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	20	y	1	D@	2	02:30:50	150.83	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	21	y	1	Ea	1	02:31:15	151.25	00:00:25	0.4167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	22	y	1	Ex	1	02:31:28	151.47	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	23	y	1	F+	4	02:31:36	151.6	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	24	y	1	F+	0	02:31:55	151.92	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	25	y	1	E-	1	02:32:08	152.13	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	26	y	1	D@	1	02:32:14	152.23	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	27	y	1	C@	1	02:32:18	152.3	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	28	y	1	B+	2	02:32:23	152.38	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	29	y	1	D+	2	02:32:28	152.47	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	30	y	1	E-	1	02:32:35	152.58	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	31	y	1	F+	1	02:32:42	152.7	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	32	y	1	Fa	3	02:32:46	152.77	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	67	R8_B67	con	sul-	azo-	1	33	y	1	Ex	1	02:32:52	152.87	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	1	p	0	E+	NA	02:21:14	141.23	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	2	y	1	F+	1	02:21:21	141.35	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	3	y	1	D+	2	02:23:04	143.07	00:01:43	1.7167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	4	y	1	C-	1	02:23:40	143.67	00:00:36	0.6
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	5	y	1	C@	1	02:24:12	144.2	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	6	y	1	Ex	2	02:25:18	145.3	00:01:06	1.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	7	y	1	Ea	1	02:25:28	145.47	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	8	p	0	Da	1	02:25:35	145.58	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	9	p	0	B@	2	02:25:41	145.68	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	10	p	0	Ba	1	02:25:44	145.73	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	11	y	1	A@	1	02:25:49	145.82	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	12	y	1	Ax	2	02:25:56	145.93	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	75	R8_B75	con	sul-	azo-	1	13	y	1	Cx	2	02:26:58	146.97	00:01:02	1.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	1	y	1	A-	NA	02:10:58	130.97	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	2	y	1	B+	1	02:13:00	133	00:02:02	2.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	3	y	1	B+	0	02:13:40	133.67	00:00:40	0.6667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	4	y	1	D@	2	02:15:01	135.02	00:01:21	1.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	5	y	1	C@	1	02:15:28	135.47	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	6	y	1	C@	0	02:16:08	136.13	00:00:40	0.6667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	7	y	1	C-	1	02:16:11	136.18	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	8	y	1	B+	1	02:16:30	136.5	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	9	y	1	Ea	3	02:16:41	136.68	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	10	y	1	Ex	1	02:17:00	137	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	11	y	1	Ea	1	02:17:08	137.13	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	12	y	1	F+	3	02:17:45	137.75	00:00:37	0.6167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	13	y	1	F+	0	02:18:11	138.18	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	14	y	1	C-	3	02:18:30	138.5	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	15	y	1	D+	1	02:18:48	138.8	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	16	y	1	E-	1	02:19:03	139.05	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	17	y	1	D+	1	02:19:17	139.28	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	18	y	1	C-	1	02:19:24	139.4	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	76	R8_B76	con	sul-	azo-	1	19	y	1	B+	1	02:19:37	139.62	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	1	y	1	C@	NA	00:28:11	28.18	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	2	y	1	Ba	1	00:30:49	30.82	00:02:38	2.6333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	3	y	1	C@	1	00:32:47	32.78	00:01:58	1.9667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	4	p	0	D@	1	00:33:11	33.18	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	5	y	1	Da	1	00:34:08	34.13	00:00:57	0.95
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	6	y	1	Fa	2	00:34:40	34.67	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	7	y	1	A-	5	00:35:05	35.08	00:00:25	0.4167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	8	y	1	A-	0	00:35:45	35.75	00:00:40	0.6667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	9	y	1	B-	1	00:36:13	36.22	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	10	y	1	B+	1	00:37:24	37.4	00:01:11	1.1833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	11	p	0	A+	1	00:38:27	38.45	00:01:03	1.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	12	y	1	B+	1	00:38:35	38.58	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	13	p	0	A@	2	00:38:55	38.92	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	14	y	1	B+	2	00:39:07	39.12	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	15	y	1	C+	1	00:39:24	39.4	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	16	y	1	D-	1	00:39:44	39.73	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	17	y	1	E@	1	00:40:01	40.02	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	18	y	1	Fa	1	00:40:14	40.23	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	19	y	1	Da	2	00:40:26	40.43	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	20	y	1	C@	1	00:40:44	40.73	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	21	y	1	E@	2	00:40:47	40.78	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	22	y	1	E+	2	00:41:14	41.23	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	23	y	1	D-	1	00:41:21	41.35	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	24	y	1	C+	1	00:41:27	41.45	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	25	y	1	A-	2	00:41:43	41.72	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	26	y	1	B-	1	00:41:59	41.98	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	27	y	1	Ba	2	00:42:12	42.2	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	28	y	1	Cx	1	00:42:33	42.55	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	29	y	1	Dx	1	00:42:48	42.8	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	30	y	1	Fa	2	00:42:58	42.97	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	31	y	1	E+	3	00:43:14	43.23	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	32	y	1	Fa	3	00:43:17	43.28	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	33	y	1	Cx	3	00:43:27	43.45	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	34	y	1	Ba	1	00:43:35	43.58	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	35	y	1	C@	1	00:43:40	43.67	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	36	y	1	D-	1	00:43:50	43.83	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	37	y	1	C+	1	00:43:59	43.98	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	38	y	1	C@	2	00:44:04	44.07	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	39	y	1	Cx	2	00:44:11	44.18	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	40	y	1	Da	1	00:44:15	44.25	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	41	y	1	Dx	1	00:44:22	44.37	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	42	y	1	E@	2	00:44:37	44.62	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	43	y	1	Ba	3	00:44:43	44.72	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	44	y	1	Cx	1	00:44:54	44.9	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	45	y	1	Dx	1	00:44:57	44.95	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	46	y	1	E@	2	00:45:05	45.08	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	47	y	1	Fa	1	00:45:10	45.17	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	48	y	1	Dx	2	00:45:19	45.32	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	49	y	1	Fa	2	00:45:34	45.57	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	50	y	1	Ba	4	00:45:53	45.88	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	51	y	1	Dx	2	00:45:55	45.92	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	52	y	1	Fa	2	00:45:59	45.98	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	53	y	1	Ax	5	00:46:20	46.33	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	54	y	1	Ba	1	00:46:29	46.48	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	55	y	1	D-	2	00:46:37	46.62	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	56	y	1	F+	2	00:46:45	46.75	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	57	y	1	E@	2	00:46:50	46.83	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	58	y	1	B-	3	00:46:55	46.92	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	59	y	1	A-	1	00:47:04	47.07	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	60	y	1	Ax	3	00:47:13	47.22	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	61	y	1	Ba	1	00:47:23	47.38	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	62	y	1	Ax	1	00:47:26	47.43	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	63	y	1	A-	3	00:47:35	47.58	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	64	y	1	B-	1	00:47:43	47.72	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	65	y	1	C@	1	00:47:46	47.77	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	66	y	1	D-	1	00:47:49	47.82	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	67	y	1	E+	1	00:47:57	47.95	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	68	y	1	F+	1	00:48:05	48.08	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	69	y	1	Fa	3	00:48:09	48.15	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	70	y	1	E@	1	00:48:16	48.27	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	71	y	1	Da	1	00:48:20	48.33	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	72	y	1	Dx	1	00:48:23	48.38	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	73	y	1	Ax	3	00:48:35	48.58	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	74	y	1	A-	3	00:48:53	48.88	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	75	y	1	B+	1	00:49:03	49.05	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	76	y	1	C+	1	00:49:23	49.38	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	77	y	1	D-	1	00:49:30	49.5	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	78	y	1	F+	2	00:49:38	49.63	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	79	y	1	C@	3	00:49:49	49.82	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	80	y	1	B-	1	00:49:51	49.85	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	81	y	1	B+	1	00:50:08	50.13	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	82	y	1	E@	3	00:50:30	50.5	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	83	y	1	Ba	3	01:06:44	66.73	00:16:14	16.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	84	y	1	B-	2	01:06:53	66.88	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	85	y	1	B-	0	01:07:02	67.03	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	86	y	1	B+	1	01:32:37	92.62	00:25:35	25.5833

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	77	R8_B77	con	sul-	azo-	1	87	y	1	B-	1	01:32:48	92.8	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	79	R8_B79	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	1	y	1	Dx	NA	00:51:13	51.22	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	2	y	1	Cx	1	00:56:41	56.68	00:05:28	5.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	3	p	0	Bx	1	00:58:21	58.35	00:01:40	1.6667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	4	p	0	Ca	1	00:59:07	59.12	00:00:46	0.7667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	5	y	1	C@	1	00:59:13	59.22	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	6	y	1	D-	1	00:59:44	59.73	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	7	y	1	C+	1	01:00:19	60.32	00:00:35	0.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	8	y	1	B-	1	01:00:40	60.67	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	9	y	1	A-	1	01:01:28	61.47	00:00:48	0.8
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	10	y	1	Ax	3	01:01:45	61.75	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	11	y	1	Ba	1	01:02:17	62.28	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	12	y	1	B-	2	01:02:36	62.6	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	13	y	1	E@	3	01:03:09	63.15	00:00:33	0.55
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	14	y	1	Fa	1	01:03:18	63.3	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	15	y	1	Da	2	01:03:39	63.65	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	16	y	1	C@	1	01:03:42	63.7	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	17	y	1	D-	1	01:04:10	64.17	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	18	y	1	Fa	2	01:04:26	64.43	00:00:16	0.2667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	19	y	1	F+	3	01:04:49	64.82	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	20	y	1	E+	1	01:05:01	65.02	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	21	y	1	C+	2	01:05:06	65.1	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	22	y	1	B+	1	01:05:17	65.28	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	23	y	1	B+	0	01:06:24	66.4	00:01:07	1.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	24	y	1	C+	1	01:06:26	66.43	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	25	y	1	F+	3	01:06:39	66.65	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	26	y	1	C+	3	01:07:09	67.15	00:00:30	0.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	27	y	1	D-	1	01:07:23	67.38	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	28	y	1	E+	1	01:07:44	67.73	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	29	y	1	B+	3	01:07:57	67.95	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	30	y	1	A-	1	01:09:43	69.72	00:01:46	1.7667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	31	y	1	Ax	3	01:09:47	69.78	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	32	y	1	Ax	0	01:10:19	70.32	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	33	y	1	B-	3	01:15:20	75.33	00:05:01	5.0167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	34	y	1	C@	1	01:16:28	76.47	00:01:08	1.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	35	y	1	Cx	2	01:16:38	76.63	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	36	y	1	Dx	1	01:17:00	77	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	37	y	1	Fa	2	02:01:44	121.73	00:44:44	44.7333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	38	y	1	F@	1	02:01:54	121.9	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	39	y	1	E-	1	02:02:13	122.22	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	40	y	1	D@	1	02:02:17	122.28	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	41	y	1	A-	3	02:02:37	122.62	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	42	y	1	B+	1	02:02:47	122.78	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	43	y	1	Ea	3	02:02:58	122.97	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	82	R8_B82	con	sul-	azo-	1	44	y	1	F@	1	02:03:00	123	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	86	R8_B86	con	sul-	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	1	y	1	B-	NA	00:13:45	13.75	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	2	y	1	B-	0	00:14:05	14.08	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	3	y	1	B-	0	00:14:28	14.47	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	4	p	0	Fx	4	00:15:02	15.03	00:00:34	0.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	5	y	1	Fa	1	00:15:24	15.4	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	6	y	1	E@	1	00:16:59	16.98	00:01:35	1.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	7	p	0	E-	1	00:17:41	17.68	00:00:42	0.7
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	8	y	1	C+	2	00:17:49	17.82	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	9	y	1	C+	0	00:18:04	18.07	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	10	y	1	B+	1	00:18:31	18.52	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	11	y	1	B-	1	00:19:02	19.03	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	12	y	1	A-	1	00:19:38	19.63	00:00:36	0.6
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	13	y	1	Ba	2	00:19:44	19.73	00:00:06	0.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	14	y	1	Dx	2	00:19:53	19.88	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	15	y	1	B+	4	00:20:13	20.22	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	16	y	1	A-	1	00:20:25	20.42	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	17	y	1	B+	1	00:20:43	20.72	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	18	y	1	C+	1	00:20:51	20.85	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	19	y	1	C+	0	00:21:00	21	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	20	y	1	B+	1	00:21:07	21.12	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	21	y	1	C+	1	00:21:22	21.37	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	22	y	1	B+	1	00:21:34	21.57	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	23	y	1	A-	1	00:21:38	21.63	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	24	y	1	B-	1	00:22:19	22.32	00:00:41	0.6833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	25	y	1	A-	1	00:22:36	22.6	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	26	y	1	B-	1	00:22:57	22.95	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	27	y	1	C@	1	00:23:11	23.18	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	28	y	1	Ba	1	00:23:28	23.47	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	29	y	1	Ax	1	00:23:38	23.63	00:00:10	0.1667

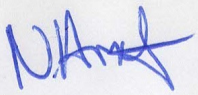
date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	30	y	1	C@	2	00:23:46	23.77	00:00:08	0.1333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	31	y	1	B-	1	00:23:57	23.95	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	32	y	1	D-	2	00:24:06	24.1	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	33	y	1	Da	2	00:24:24	24.4	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	34	y	1	E@	1	00:24:28	24.47	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	35	y	1	F+	2	00:24:35	24.58	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	36	y	1	D-	2	00:25:07	25.12	00:00:32	0.5333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	37	y	1	E+	1	00:25:31	25.52	00:00:24	0.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	38	y	1	F+	1	00:25:43	25.72	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	39	y	1	B+	4	00:26:22	26.37	00:00:39	0.65
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	40	y	1	A-	1	00:26:24	26.4	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	41	y	1	B-	1	00:26:33	26.55	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	42	y	1	B+	1	00:26:47	26.78	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	43	y	1	C@	2	00:46:08	46.13	00:19:21	19.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	44	y	1	Da	1	00:46:10	46.17	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	45	y	1	E@	1	00:46:24	46.4	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	46	y	1	E+	2	00:46:42	46.7	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	47	y	1	Da	3	00:46:52	46.87	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	48	y	1	C@	1	00:46:53	46.88	00:00:01	0.0167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	49	y	1	B+	2	00:47:03	47.05	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	50	y	1	B+	0	00:47:16	47.27	00:00:13	0.2167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	51	y	1	C+	1	00:47:21	47.35	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	52	y	1	D-	1	00:47:31	47.52	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	53	y	1	F+	2	00:47:36	47.6	00:00:05	0.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	54	y	1	B+	4	00:47:51	47.85	00:00:15	0.25
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	55	y	1	C+	1	01:01:16	61.27	00:13:25	13.4167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	56	y	1	D-	1	01:01:26	61.43	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	57	y	1	F+	2	01:02:05	62.08	00:00:39	0.65
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	58	y	1	E@	2	01:02:43	62.72	00:00:38	0.6333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	59	y	1	F+	2	01:02:47	62.78	00:00:04	0.0667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	60	y	1	D-	2	01:02:54	62.9	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	61	y	1	D-	0	01:03:06	63.1	00:00:12	0.2
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	62	y	1	F@	2	01:34:47	94.78	00:31:41	31.6833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	63	y	1	D+	2	01:35:45	95.75	00:00:58	0.9667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	87	R8_B87	con	sul-	azo-	1	64	y	1	B+	2	01:35:52	95.87	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	1	y	1	B+	NA	00:24:40	24.67	NA	NA
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	2	p	0	C-	1	00:26:14	26.23	00:01:34	1.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	3	p	0	D@	1	00:26:28	26.47	00:00:14	0.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	4	p	0	Ea	1	00:26:39	26.65	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	5	p	0	Ex	1	00:26:41	26.68	00:00:02	0.0333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	6	y	1	B-	3	00:28:55	28.92	00:02:14	2.2333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	7	y	1	Ba	2	00:30:26	30.43	00:01:31	1.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	8	y	1	Ba	0	00:30:49	30.82	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	9	y	1	Da	2	00:32:45	32.75	00:01:56	1.9333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	10	y	1	Da	0	00:34:08	34.13	00:01:23	1.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	11	y	1	Dx	1	00:34:15	34.25	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	12	y	1	Fa	2	00:34:52	34.87	00:00:37	0.6167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	13	y	1	F+	3	00:35:22	35.37	00:00:30	0.5
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	14	y	1	E+	1	00:36:27	36.45	00:01:05	1.0833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	15	y	1	E@	2	00:37:44	37.73	00:01:17	1.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	16	y	1	Ba	3	00:38:15	38.25	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	17	y	1	C+	3	00:38:53	38.88	00:00:38	0.6333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	18	y	1	E+	2	00:39:21	39.35	00:00:28	0.4667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	19	y	1	C+	2	00:39:40	39.67	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	20	y	1	F+	3	00:39:49	39.82	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	21	y	1	F+	0	00:40:12	40.2	00:00:23	0.3833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	22	y	1	Dx	4	00:40:34	40.57	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	23	y	1	Da	1	00:40:56	40.93	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	24	y	1	B+	3	00:41:37	41.62	00:00:41	0.6833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	25	y	1	B+	0	00:41:55	41.92	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	26	y	1	A-	1	00:42:02	42.03	00:00:07	0.1167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	27	y	1	Ax	3	00:42:13	42.22	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	28	y	1	A-	3	00:42:30	42.5	00:00:17	0.2833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	29	y	1	B+	1	00:42:50	42.83	00:00:20	0.3333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	30	y	1	B+	0	00:43:12	43.2	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	31	y	1	C+	1	00:43:21	43.35	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	32	y	1	E+	2	00:43:24	43.4	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	33	y	1	F+	1	00:43:43	43.72	00:00:19	0.3167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	34	y	1	C+	3	00:44:18	44.3	00:00:35	0.5833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	35	y	1	B-	1	00:44:39	44.65	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	36	y	1	B-	0	00:44:50	44.83	00:00:11	0.1833
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	37	y	1	B+	1	00:44:59	44.98	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	38	y	1	E+	3	00:45:08	45.13	00:00:09	0.15
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	39	y	1	F+	1	00:45:26	45.43	00:00:18	0.3
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	40	y	1	Dx	4	00:45:36	45.6	00:00:10	0.1667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	41	y	1	Cx	1	00:45:48	45.8	00:00:12	0.2

date	round	rewarding.color	rewarding.color.nr	number.startbees	start	end	total.oberservationtime	sunny [min]	cloudy [min]	rainy [min[	prop.sunny [%]	bee.id	unique.beeid	treatment	sul	azo	feeder	visit.nr	color	correct	field.id	dist.rel	time [hh:mmss]	time.min	time.difference	time.diff.min
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	42	y	1	B-	3	00:45:51	45.85	00:00:03	0.05
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	43	y	1	B+	1	00:46:13	46.22	00:00:22	0.3667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	44	y	1	E+	3	00:46:14	46.23	00:00:01	0.0167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	45	y	1	A-	4	01:07:48	67.8	00:21:34	21.5667
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	46	y	1	Fa	5	01:08:19	68.32	00:00:31	0.5167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	47	y	1	E+	3	01:08:40	68.67	00:00:21	0.35
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	48	y	1	C@	2	01:09:06	69.1	00:00:26	0.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	49	y	1	B-	1	01:09:50	69.83	00:00:44	0.7333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	50	y	1	F+	4	01:11:14	71.23	00:01:24	1.4
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	51	y	1	Dx	4	01:33:20	93.33	00:22:06	22.1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	52	y	1	D@	2	01:33:57	93.95	00:00:37	0.6167
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	53	y	1	C@	1	01:34:57	94.95	00:01:00	1
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	54	y	1	C@	0	01:43:23	103.38	00:08:26	8.4333
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	55	y	1	Ea	2	01:43:50	103.83	00:00:27	0.45
09.05.2021	R8	yellow	2	56	13:45	16:20	02:35	120	35	0	77	88	R8_B88	con	sul-	azo-	1	56	y	1	Ex	1	01:44:04	104.07	00:00:14	0.2333
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	13	R9_B13	sul	sul+	azo-	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	1	p	1	A-	NA	00:17:04	17.07	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	2	y	0	A+	1	00:20:56	20.93	00:03:52	3.8667
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	3	y	0	A@	2	00:21:38	21.63	00:00:42	0.7
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	4	y	0	B@	1	00:23:10	23.17	00:01:32	1.5333
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	5	y	0	Ca	1	00:23:20	23.33	00:00:10	0.1667
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	6	y	0	C@	1	00:23:58	23.97	00:00:38	0.6333
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	7	y	0	A+	2	00:49:11	49.18	00:25:13	25.2167
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	36	R9_B36	con	sul-	azo-	1	8	y	0	A+	0	00:52:06	52.1	00:02:55	2.9167
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	47	R9_B47	con	sul-	azo-	1	1	y	0	Ea	NA	00:19:35	19.58	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	48	R9_B48	azo	sul-	azo+	1	1	p	1	Cx	NA	02:05:10	125.17	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	48	R9_B48	azo	sul-	azo+	1	2	y	0	Bx	1	02:13:20	133.33	00:08:10	8.1667
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	48	R9_B48	azo	sul-	azo+	1	3	p	1	Ba	1	02:13:55	133.92	00:00:35	0.5833
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	48	R9_B48	azo	sul-	azo+	1	4	p	1	Ba	0	02:17:05	137.08	00:03:10	3.1667
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	48	R9_B48	azo	sul-	azo+	1	5	y	0	Bx	1	02:38:23	158.38	00:21:18	21.3
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	48	R9_B48	azo	sul-	azo+	1	6	p	1	A-	3	02:40:09	160.15	00:01:46	1.7667
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	64	R9_B64	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	65	R9_B65	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	71	R9_B71	azo	sul-	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	83	R9_B83	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
10.05.2021	R9	pink	1	48	13:30	16:30	03:00	0	180	0	0	92	R9_B92	mix	sul+	azo+	0	NA	NA	NA	NA	NA	NA	NA	NA	NA

Personal declaration

I hereby declare that the submitted Thesis is the result of my own, independent work. All external sources are explicitly acknowledged in the Thesis.

Zurich, 31st of January 2022



Nicole Lisa Arnet