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- Pedigree Season 2024 -

BUCKFAST Breeder

No. B27(RS)= .22-B15(RS) hbg B646(JtB): .20-B46(RS) amm B18.2-18(KK): .19-**B1007(RS)** hbg B47(MW): etc.

Cp

No. B116(RS)= .23-B105(RS) shw M470(EN): .22-B9293(CHU) hbg B646(JtB): .19-B7134(CHU) ins B122(RHO): etc.

EL

No. B1(RS)= .23-B33(RS) shw M470(EN): .22-B15(RS) krw B307(JtB): .20-B46(RS) amm B18.2-18(KK) etc.

Cp

No. B105(RS)= .23-B105(RS) shw M470(EN): .22-B9293(CHU) hbg B646(JtB): .19-B7134(CHU) ins B122(RHO): etc.

EL

No. B1.397(CHU) = itq .21 - B307(JtB) krw B2097.01.(LS)1dr: itq.18 - B181(JtB) aml B712(JtB): .16-B18(JtB) aml B30(GV)

BA Sinop62

Drones, Mating Station Ammergebirge: Daughters of

No. B5712.11(LS)1dr = .19-B7(ABK)1dr ins B122(RHO)1dr: .18-B525(LS) ins EL44(KK)1dr: .16-B554(LS) wbg B91(BB): etc.

"It was already used as a drone line in the Ammergebirge in 2021. Yes, why again, you might ask. We use it because of the pre-tested excellent inheritance of the Varroa resistance properties combined with very good Buckfast properties. This year we pre-tested all drone colonies and only two-year-old queens are used in the drone colonies. An effort that will certainly pay off in the coming years. B5712.11(LS)1dr performed excellently in all values examined. In collaboration with Lina Sprau from the University of Hohenheim, the direct grooming behavior was also rated very good at 70%. The result for the 30 non-infected control cells is very good: Here, colony B5712.11(LS)1dr was at 5%. The bees therefore differentiate precisely whether a cell is infested with a Varroa mite or not. There is nothing to add to the assessment of hygiene, SMR and VSH. All values are ideal. We now rate the recapping rating as rather average. We particularly like the fact that the REC of infected cells is a satisfactory 50%. And it is very good that only about 21% of all cells are opened."

Bayburt 1998

Drones, Mating Station Karwendel: Daughters of

No. B23(SP) = .22 - B17(SP) leyh B601(TR) : .20 - B46(SP) bal B33(TR) : .18 - B3424(LS)1dr otb S35(TK)1dr : etc.

"Even though the VSH selection was no longer the main focus here, the health, colony strength and the great foraging instinct put a smile on our faces. I liked the comb stability and gentleness. The combination of Bavarian VSH material and the B33 from Thomas Ruppel worked well. The further mating with the B601(TR) was also a hit from a beekeeper's point of view. The workers always had a strikingly uniform, light, leather-brown coloring. Even commercial open mated queens were notable for their very uniform workers, which is not a given in our environment. Stefan and I regularly exchanged information about the material and took the uniform coloring as an indication of genetic stability. We jokingly compared the bee to a BMW six-cylinder diesel: powerful and dynamic, robust and yet sophisticated. You can rely on this line!"

Cankiri 1997

Used for:

x B5712.11: B1, B1.397, B116

x B23: B1, B116, B105

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Auswertung der Zuchtmütter Saison 2024

Breeder number	Year of birth	offspring	Vitality bees	Vitality brood	Temper	Swarm tendency	Fecundity	Crop Spring	Crop Forest	Over-wintering	Building combs	Propolis	Hyg+ 8 h % double tested	
B116	2023	B105 shw M470	5		5					5			30	
B1	2023	B33 shw M470	4	5	4	5	4	4	5	5	5	4	90	
B105	2023	B105 shw M470	5	4	5	5	4	4		5	5	5	33	
B27	2022	B15 hbg B646	4	5	4	5	5	5		5	5	4	100	
B1.397	2021	B307 krw B2097.01	4	4	5	5		3	3	4	5	5		

Bewertung nach Br. Adam:

6 = ein extrem seltener positiver Ausnahmefall

5 = sehr gut

4 = entspricht gut den Anforderungen

3 = eher unterdurchschnittlich und unbefriedigend

2 = schlecht, kann nicht durch eine andere Eigenschaft kompensiert werden

1 = einfach sehr schlecht

I'd like to give a review of the reproductions made in 2023 and an outlook for next year.

In 2023 I bred exclusively from my own stock; no new lines were added. Mating was also carried out exclusively with drone lines that represented well-bred bees based on Monticola. On the drone side, a "blood refresh" came into play throughout. However, I noticed a long time ago that these Buckfast lines of East African origin are very compatible with our bees. We are moving here in a +10th generation after the initial import! However, this required increased effort. We were about 3000 km on the road to the mating stations and back. We will not be able to repeat that any time soon. These were the mating stations in South Harz, Baltrum and the Ammergebirge mating zone.

I am nevertheless pleased to have had the opportunity to mate with similar and yet not closely related genetics. It will make the selection in 2024 exciting to recognize and evaluate the differences in the matings. While I am very satisfied with many of the characteristics of my bees, especially with regard to the various factors of vitality, a "more" honey is always conceivable, for example (in 2023 we were not spoiled by the nectar flow). The swarm inertia and gentleness are at a high level that I do not want to leave, as is the quality of the honeycomb construction, i.e. the lack of construction. When working on the colonies, this is a largely underestimated advantage to which Brother Adam paid great attention, which can be seen in his bees. On top i see the brood hygienics behavior close to the optimum.

In 2024 I'll breed from two mothers who have proven themselves in 2023 and have come through the colder part of the year optimally. You could hardly call it winter. While many colonies in apiaries around me did not survive, this makes me all the more pleased. My losses have been minimal! What also makes me happy is that my B15 from 2020 (!) is still here and is thriving in her mini. She was one of the best breeding mothers I have ever had and is welcome to be retired. Now there's offspring which is very close if not better! It's B1, daughter of B33 presenting better fecundity and even better honey yield but the same absence of swarming tendencies. In addition there are "twins" which are really pleasing B105 and B116. Their grandmother was B9293, a well known and reliable line "Made in Bavaria".

I will use the Ammergebirge and Karwendel mating stations. I know the lines and their development very well. I was able to help create some of them 20 years ago (krw). I have had this line with me since 2002 and it is really fitting to our bees! A special feature for me is the tendency to quietly requeen and the tolerance of two queens over the winter. The old one was allowed to accompany the colony until spring and disappeared quietly, while the young one had already started egg laying.

At the time, 50 of the F3 Bayburt line came to my home to be mated at Hausberg mountain. These were then distributed to the Bavarian breeders. This is where the line in the Ammergebirge comes from. I got F2 from this 1997 import in 2001 and was already impressed by his vitality and performance. Any minor weaknesses we had back then noticed have disappeared. Things can only become good in 2024!