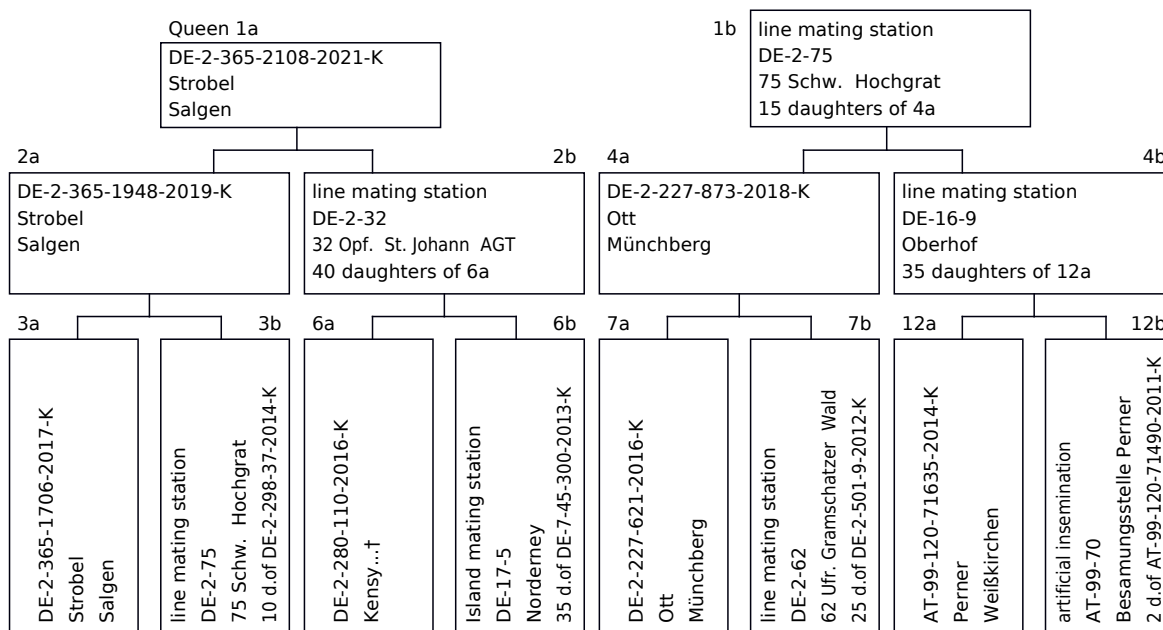


Tester of the queen: Strobel, Josef, 87775 Salgen, DE-2-365, Apiary 1
 Breeder of the queen: Strobel, Josef, 87775 Salgen, DE-2-365
1a Studbook number: **DE-2-365-2108-2021-K**

Race line: Sign: white 8
 Generation: 6 Hatch date: 08.06.2021

Daughters of Queen: 0.4%
 Workers: 1.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 10			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	17	94.4	2	3	18
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	107			
Honey yield	-	106			0.36
Defensive behavior	3.50	109			0.46
Steadiness on comb	3	108			0.45
Swarming drive	2	109			0.4
Varroa	-	100			0.42
Performance index	-	109			0.36
Robustness in winter	3		70%	100%	170%
Development in Spring	3				
Colony strength	3.50				

¹In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-2-365-2108-2021-K

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Performance of the sisters

Amount of checked sisters: 8

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-2-294-57-2021	DE-2-294	1	109		107		107		109		109	106*	109
DE-2-294-70-2021	DE-2-294	1	109		108		107		108		111	105*	109
DE-2-294-71-2021	DE-2-294	1	109		108		106		106		111	105*	109
DE-2-294-74-2021	DE-2-294	1	109		105		106		106		111	106*	108
DE-2-294-81-2021	DE-2-294	1	110		111		107		106		112	106*	110
DE-2-365-2108-2021-K	DE-2-365	1	107	17	106	3.5	109	3	108	2	109	100	109
DE-2-365-2158-2021	DE-2-365	1	108	14	106	3	103	2.5	103	3	114	105	107
DE-2-365-2135-2021-K	DE-2-365	2	109	15	106	3	107	3	108	3	116	102	111

Only one Varroa trait was recorded