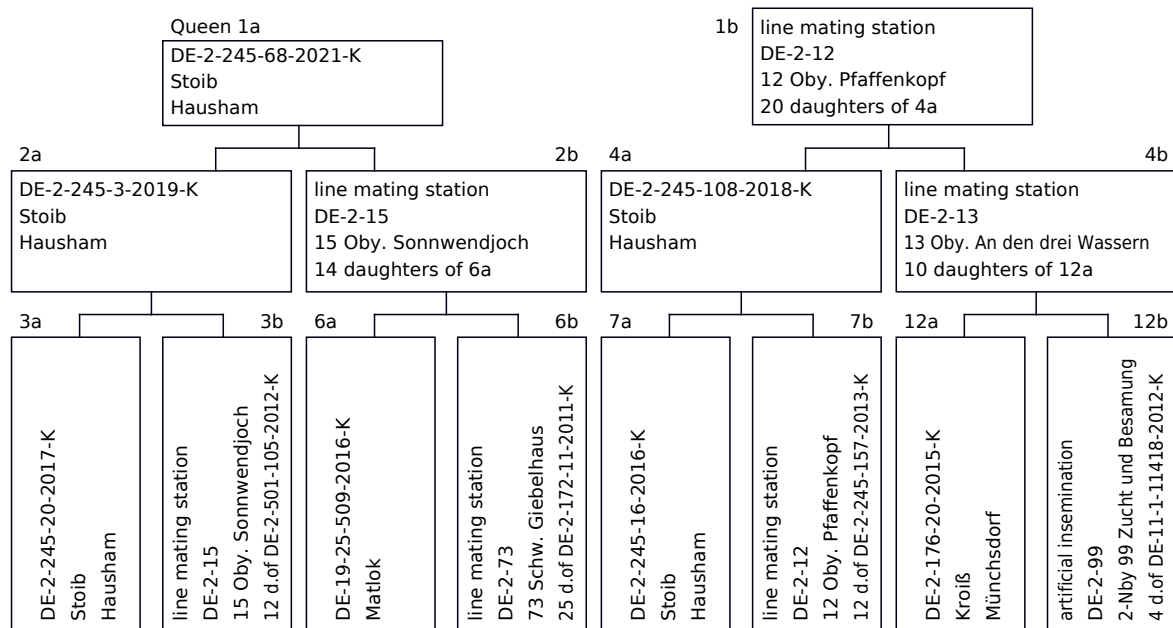


Tester of the queen: Stoib, Max, 83734 Hausham, DE-2-245, Apiary 2
 Breeder of the queen: Stoib, Max, 83734 Hausham, DE-2-245
1a Studbook number: **DE-2-245-68-2021-K**

Race line: -BL Sign: white 68 Daughters of Queen: 2.7%
 Generation: 14 Hatch date: 09.07.2021 Workers: 1.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	35.5	130	3	19	27.3
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	112			
Honey yield	-	112			0.32
Defensive behavior	3.70	104			0.44
Steadiness on comb	3.60	105			0.43
Swarming drive	4	105			0.27
Varroa	-	113			0.35
Performance index	-	108			0.32
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength	3.60				

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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

Breeding selection report DE-2-245-68-2021-K

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Performance of the sisters

Amount of checked sisters: 10

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 index
DE-2-245-53-2021	CH-52-7	1	108		105		107		104		106	106	107
DE-2-245-51-2021	DE-2-245	2	108	22	107	3.6	104	3.5	104	4	104	(107)	105
DE-2-245-55-2021	DE-2-245	2	108	26.5	108	3.5	100	3	99	4	103	112	103
DE-2-245-56-2021	DE-2-245	2	108	19	106	3.7	106	3.7	106	4	105	(107)	106
DE-2-245-57-2021	DE-2-245	2	110	35	112	3.7	105	3.8	106	4	106	(107)	109
DE-2-245-67-2021	DE-2-245	2	109	17	105	3.6	104	3.6	105	4	104	110	105
DE-2-245-68-2021-K	DE-2-245	2	112	35.5	112	3.7	104	3.6	105	4	105	113	108
DE-2-245-72-2021	DE-2-245	2	110	28	110	3.9	108	3.9	108	4	106	(107)	109
DE-2-245-73-2021	DE-2-245	2	111	44	116	3.9	106	3.7	106	4	107	(107)	110
DE-2-245-83-2021	DE-2-245	2	111	42	115	3.8	106	3.8	107	4	107	107	110