



Breeding selection report

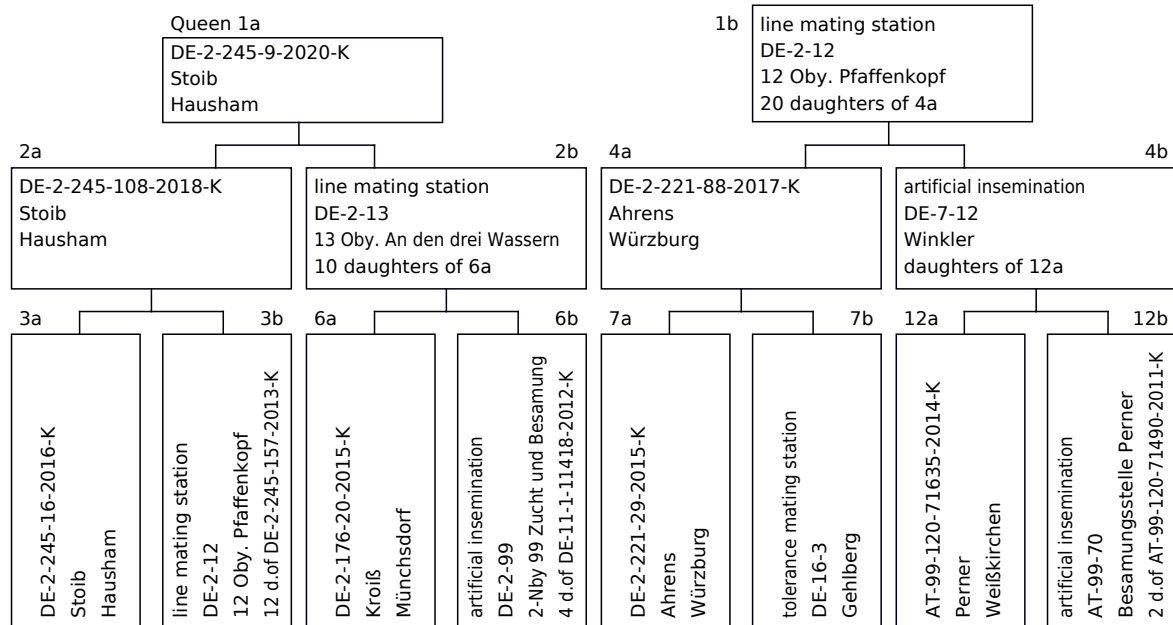
DE-2-245-9-2020-K



Tester of the queen: Müller, Markus, 5642 Mühlau, CH-52-40, Apiary 2
 Breeder of the queen: Stoib, Max, 83734 Hausham, DE-2-245
1a Studbook number: **DE-2-245-9-2020-K**

Race line: -BL Sign: blue 9 Daughters of Queen: 0.4%
 Generation: 11 Hatch date: 06.06.2020 Workers: 1.3%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	11.4	133.1	2	6	8.6
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	119			
Honey yield	-	113			0.41
Defensive behavior	3.40	115			0.51
Steadiness on comb	3.80	115			0.51
Swarming drive	4	117			0.45
Varroa	-	114*			0.42
Performance index	-	117			0.41
Robustness in winter	0		70%	100%	170%
Development in Spring					
Colony strength					

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%.

Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

none Analysis of race characteristics

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.

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Performance of the sisters

Amount of checked sisters: 21

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-2-245-13-2020-K	CH-52-7	1	119		115		115		115		115	116	116
DE-2-245-16-2020-K	CH-52-7	1	117		113		114		113		111	113	115
DE-2-245-15-2020	CH-52-7	2	109		104		108		108		96	111	104
DE-2-245-9-2020-K	CH-52-40	2	119	11.4	113	3.4	115	3.8	115	4	117	114*	117
DE-2-245-10-2020**	CH-52-40	2	114		(111)		(111)		(110)		(108)	(112)	111
DE-2-245-14-2020**	CH-52-40	2	114		(111)		(111)		(110)		(108)	(112)	111
DE-2-245-2-2020-K	DE-2-245	1	119		112		113		112		109	120	113
DE-2-245-3-2020	DE-2-245	1	114		112		111		109		108	(112)	112
DE-2-245-25-2020	DE-2-245	1	116		116		112		111		109	(112)	114
DE-2-245-27-2020	DE-2-245	1	115		113		112		111		109	(112)	113
DE-2-245-38-2020	DE-2-245	1	115		112		112		110		108	(112)	112
DE-2-245-43-2020	DE-2-245	1	115		117		110		110		109	(112)	113
DE-2-245-46-2020	DE-2-245	1	115		111		113		112		109	(112)	113
DE-2-245-50-2020	DE-2-245	1	115		110		112		111		108	(112)	112
DE-2-245-56-2020	DE-2-245	1	115		112		113		112		109	(112)	113
DE-2-247-70-2020	DE-2-247	1	113		112		108		106		107	(112)	109
DE-2-247-71-2020	DE-2-247	1	115		112		111		112		108	(112)	113
DE-2-245-70-2020	DE-2-247	2	116		108		116		115		109	(112)	114
DE-2-245-71-2020	DE-2-247	2	113		111		110		107		107	(112)	110
DE-2-245-72-2020-K	DE-2-247	2	114		109		111		109		108	(112)	111
DE-2-247-72-2020	DE-2-247	2	113		108		109		107		107	(112)	109

Only one Varroa trait was recorded

Colony without performance tests