



Breeding selection report

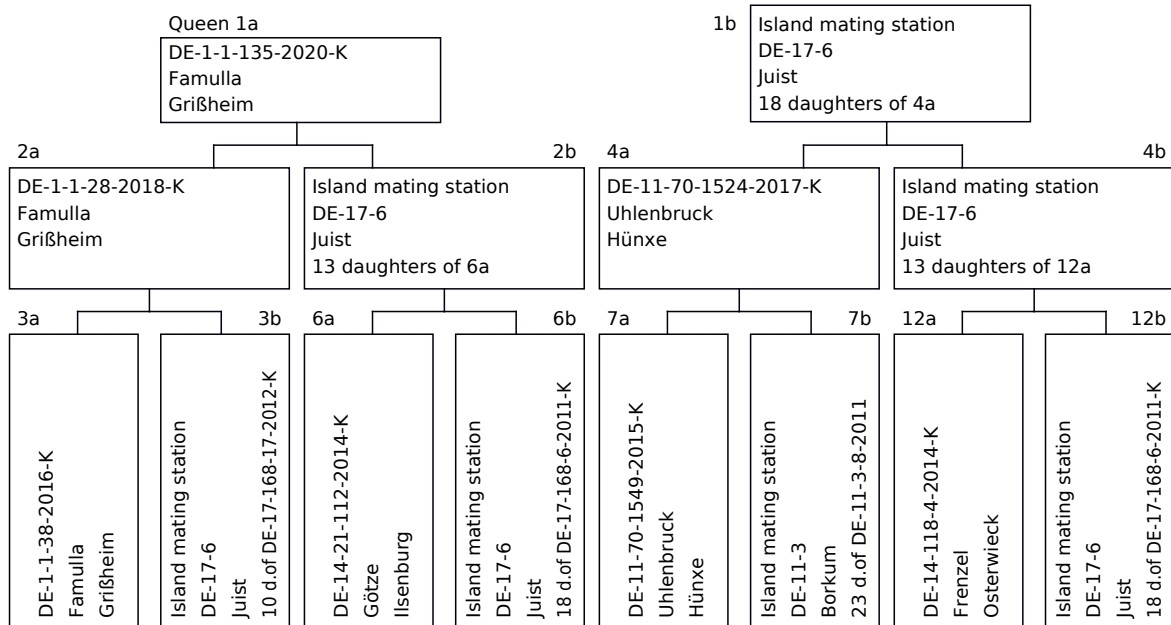
DE-1-1-135-2020-K



Tester of the queen: Michel, Niels, 8457 Humlikon, CH-52-7, Apiary 1
 Breeder of the queen: Famulla, Leo, 79395 Grißheim, DE-1-1
1a Studbook number: **DE-1-1-135-2020-K**

Race line: -G/10 Sign: blue 35 Daughters of Queen: 6.0%
 Generation: 14 Hatch date: Workers: 4.4%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 2			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	20.6	107.2	4	8	19.2
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	109			
Honey yield	-	109			0.5
Defensive behavior	3.60	108			0.58
Steadiness on comb	3.50	107			0.58
Swarming drive	3.50	106			0.54
Varroa	-	105			0.55
Performance index	-	109			0.5
Robustness in winter			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%.

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: 20

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-1-1-135-2020-K	CH-52-7	1	109	20.6	109	3.6	108	3.5	107	3.5	106	105	109
DE-1-1-137-2020-K	CH-52-7	1	105	15.3	106	3.6	107	3.3	105	2.9	101	101	106
DE-1-1-134-2020**	CH-52-7	2	108		(109)		(108)		(107)		(106)	(104)	109
DE-1-1-121-2020	CH-52-40	2	109		111		98		99		112	109*	106
DE-1-1-142-2020	CH-52-40	2	103		104		102		102		94	(104)	101
DE-1-1-126-2020	CH-52-790	1	106		110		107		107		106	100	108
DE-1-1-209-2020	DE-1-1	1	109		110		110		109		107	102	110
DE-1-1-210-2020-K	DE-1-1	1	112		114		110		109		107	108	111
DE-1-1-212-2020	DE-1-1	1	106		110		103		102		104	103	106
DE-1-1-232-2020	DE-1-1	1	101		104		99		100		102	99	101
DE-1-1-233-2020	DE-1-1	1	111		111		110		109		107	106	111
DE-1-1-235-2020	DE-1-12	1	107		108		108		107		105	103	108
DE-1-1-236-2020	DE-1-12	1	109		110		108		107		106	104	109
DE-1-1-119-2020	DE-1-30	1	108		107		107		107		108	105	108
DE-1-70-9-2020	DE-1-70	1	110		111		112		111		107	104*	112
DE-1-70-12-2020	DE-1-70	1	111		112		112		111		108	104	112
DE-1-70-17-2020-K	DE-1-70	1	106		106		105		104		104	104	106
DE-1-70-19-2020	DE-1-70	1	108		113		104		104		105	104	108
DE-19-201-31-2020-K	DE-19-201	1	112		115		109		108		107	108	111
DE-19-201-33-2020	DE-19-201	1	109		107		110		110		106	104	109

Only one Varroa trait was recorded

Colony without performance tests