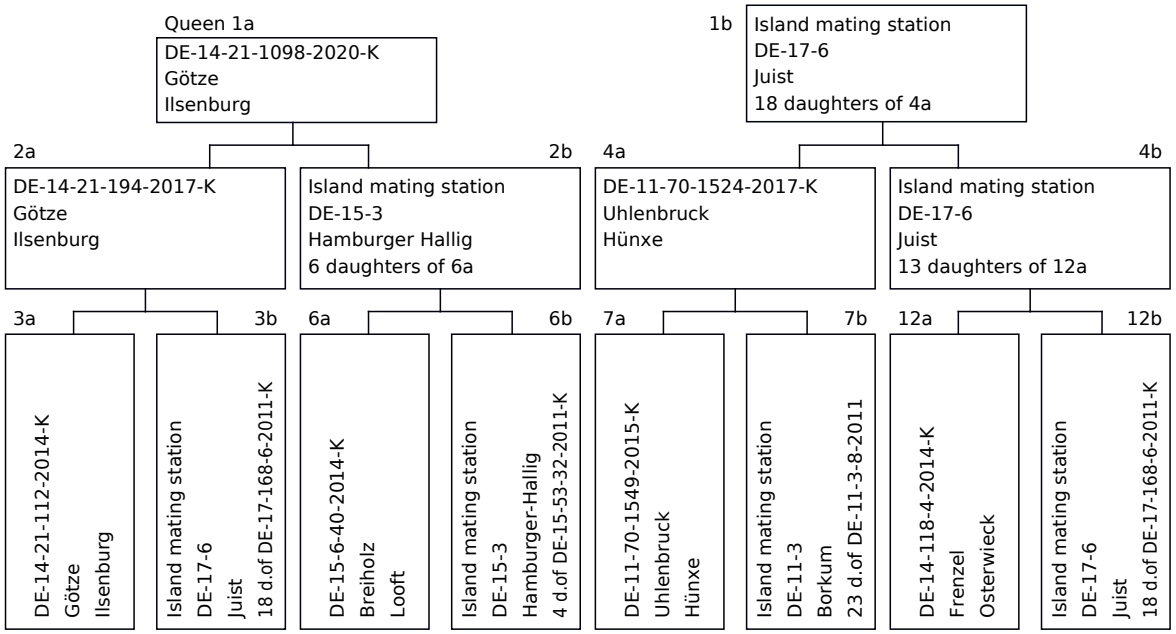
Breeding selection report
DE-14-21-1098-2020-K

Tester of the queen:	Götze, Wilfried, 38871 Ilsenburg, DE-14-21, Apiary 2	
Breeder of the queen:	Götze, Wilfried, 38871 Ilsenburg, DE-14-21	
1a Studbook number:	**DE-14-21-1098-2020-K**	
		Daughters of
Race line: -10	Sign: blue 98	Queen: 1.8%
Generation: 5	Hatch date: 11.07.2020	Workers: 3.1%

A. Pedigree



B. Own performance

	No. of the colony PL25			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	109	118.9	1	7	91.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	114	0.44
Defensive behavior	4	109	0.53
Steadiness on comb	4	111	0.53
Swarming drive	4	106	0.49
Varroa	-	100	0.48
Performance index	-	112	0.44
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

70% 100% 170%

[1]In 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.

22.04.2022

For the correctness DE-14

Breeding selection report DE-14-21-1098-2020-K

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Performance of the sisters

Amount of checked sisters: 12

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-14-21-1020-2020	DE-14-21	2	104	36	106	3.7	106	3.7	107	3.8	104	97*	107
DE-14-21-1021-2020	DE-14-21	2	107	88	111	3.8	107	3.8	108	4	106	100	109
DE-14-21-1025-2020	DE-14-21	2	108	106.5	113	3.9	108	3.9	109	3.9	105	101	110
DE-14-21-1028-2020	DE-14-21	2	108	107.5	114	4	109	3.9	110	3.9	105	100	111
DE-14-21-1029-2020-D	DE-14-21	2	108	105.5	113	4	109	3.9	110	4	106	100	111
DE-14-21-1098-2020-K	DE-14-21	2	108	109	114	4	109	4	111	4	106	100	112
DE-14-140-390-2020	DE-14-140	1	107		111		109		110		105	99	110
DE-14-21-1024-2020	DE-14-166	2	107		112		108		109		105	(100)	110
DE-14-196-3-2020-K	DE-14-196	1	107		112		108		109		105	(100)	110
DE-14-196-7-2020	DE-14-196	1	108		114		109		110		106	(100)	111
DE-14-196-12-2020	DE-14-196	1	107		109		110		111		107	(100)	110
DE-14-196-14-2020	DE-14-196	1	106		106		108		109		105	(100)	108

Only one Varroa trait was recorded