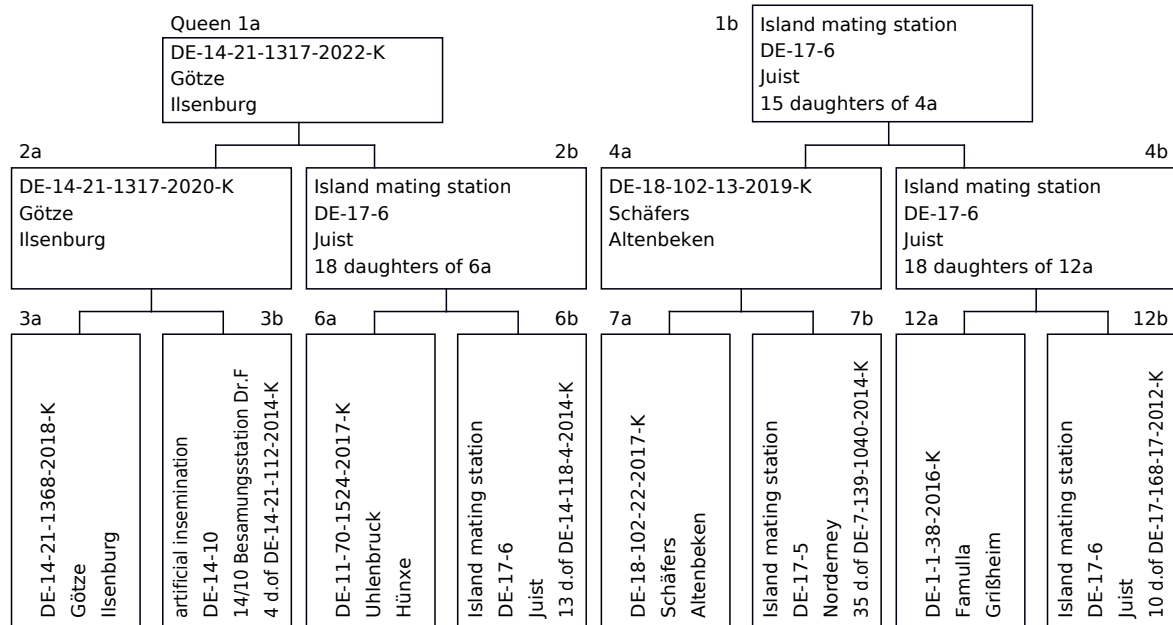


Tester of the queen: Götze, Wilfried, 38871 Ilsenburg, DE-14-21, Apiary 1
 Breeder of the queen: Götze, Wilfried, 38871 Ilsenburg, DE-14-21
1a Studbook number: **DE-14-21-1317-2022-K**

Race line: -13 Sign: yellow 17 Daughters of Queen: 3.9%
 Generation: 7 Hatch date: 26.06.2022 Workers: 2.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony PL22			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	117.5	112.9	1	11	104.1
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	105			
Honey yield	-	108			0.43
Defensive behavior	4	109			0.52
Steadiness on comb	4	107			0.51
Swarming drive	4	102			0.47
Varroa	-	98			0.46
Performance index	-	108			0.44
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	4				

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-14-21-1317-2022-K

Page 2

Performance of the sisters

Amount of checked sisters: 11

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 ndex
DE-14-21-1313-2022-K	DE-14-21	1	103	105	104	3.9	Behavior	3.9	106	4	106	96	106
DE-14-21-1317-2022-K	DE-14-21	1	105	117.5	108	4	109	4	107	4	102	98	108
DE-14-21-1318-2022-K	DE-14-21	1	104	114.5	108	4	110	4	107	4	101	97	108
DE-14-21-1319-2022	DE-14-21	1	100	90	99	3.7	106	3.7	103	4	101	94	103
DE-14-21-1321-2022	DE-14-21	1	98	108	104	3.6	104	3.5	100	3.7	98	92	102
DE-14-21-1322-2022-K	DE-14-21	1	103	109.5	106	3.8	107	3.8	104	4	101	97	105
DE-14-21-1323-2022	DE-14-21	1	99	100	103	3.7	107	3.8	104	4	101	92	104
DE-14-184-5-2022	DE-14-184	1	103		106		109		106		105	(95)	108
DE-14-196-40-2022	DE-14-196	1	101		103		106		104		100	(95)	104
DE-14-196-50-2022-K	DE-14-196	1	101		103		106		103		100	(95)	104
DE-14-196-69-2022	DE-14-196	1	101		106		107		103		101	(95)	105