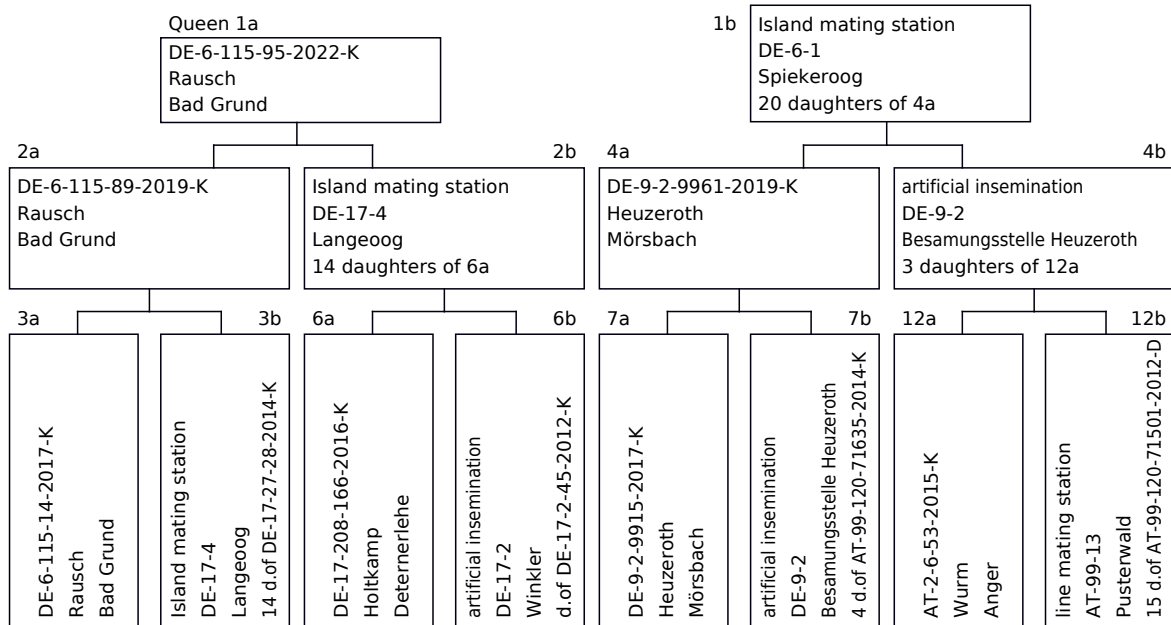


Tester of the queen: Rausch, Sergej, 37539 Bad Grund, DE-6-115, Apiary 1
 Breeder of the queen: Rausch, Sergej, 37539 Bad Grund, DE-6-115
1a Studbook number: **DE-6-115-95-2022-K**

Race line: -40 Sign: yellow 95 Daughters of Queen: 2.4%
 Generation: 3 Hatch date: 25.6.2022 Workers: 0.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 38			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	54	110.9	15	33	48.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	115			
Honey yield	-	105			0.47
Defensive behavior	4	113			0.56
Steadiness on comb	4	113			0.56
Swarming drive	4	118			0.51
Varroa	-	110			0.53
Performance index	-	114			0.47
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

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-6-115-95-2022-K

Page 2

Performance of the sisters

Amount of checked sisters: 8

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-6-115-8-2022	DE-6-115	1	115	34	99	4	112	3.8	112	4	117	112	112
DE-6-115-16-2022	DE-6-115	1	112	47	103	4	112	3.8	112	4	117	106	113
DE-6-115-31-2022	DE-6-115	1	113	50	104	4	113	4	113	4	118	106	114
DE-6-115-35-2022	DE-6-115	1	110	44	102	3.8	109	3.5	108	4	117	105	110
DE-6-115-41-2022	DE-6-115	1	116	61	107	4	112	4	113	4	118	111	115
DE-6-115-88-2022	DE-6-115	1	115	30	99	4	113	4	114	4	118	112	113
DE-6-115-93-2022	DE-6-115	1	112	58	106	4	111	3.8	111	4	117	105	114
DE-6-115-95-2022-K	DE-6-115	1	115	54	105	4	113	4	113	4	118	110	114