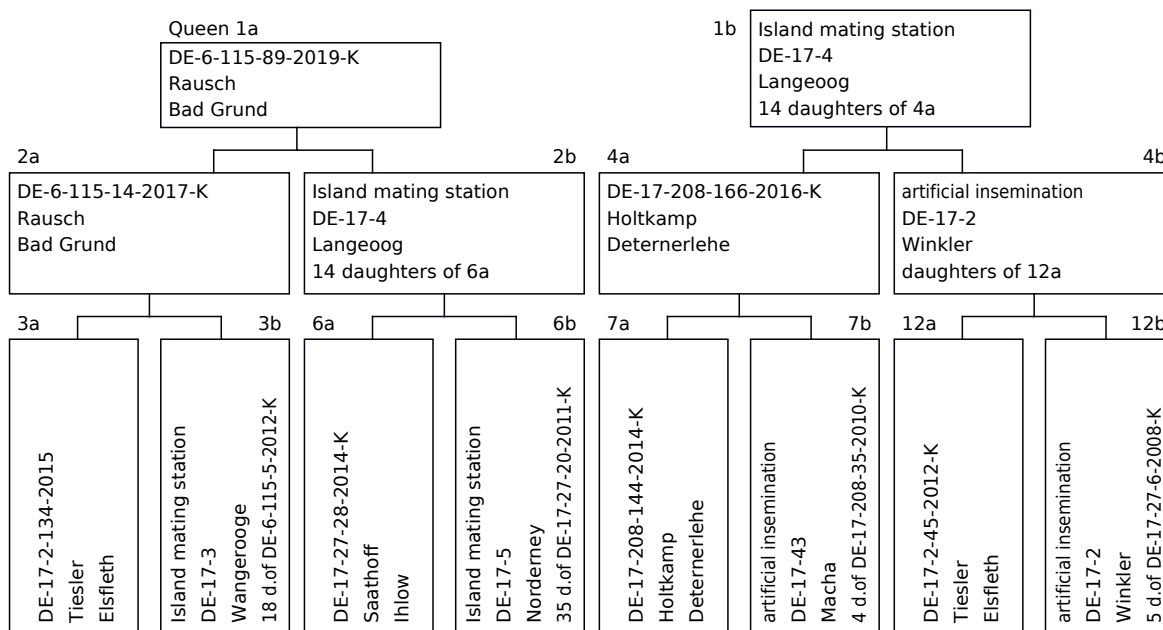


Tester of the queen: Rausch, Sergej, 37539 Bad Grund, DE-6-115, Apiary 2  
 Breeder of the queen: Rausch, Sergej, 37539 Bad Grund, DE-6-115  
**1a** Studbook number: **DE-6-115-89-2019-K**

Race line: -40 Sign: green 89 Daughters of Queen: 1.8%  
 Generation: 2 Hatch date: 18.6.2019 Workers: 2.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 24			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	25	130.9	4	27	19.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	116			
Honey yield	-	111			0.46
Defensive behavior	4	113			0.56
Steadiness on comb	4	113			0.55
Swarming drive	4	117			0.41
Varroa	-	111			0.5
Performance index	-	116			0.46
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

<sup>1</sup>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.

# Breeding selection report DE-6-115-89-2019-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 5

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-6-115-84-2019	DE-6-115	2	115	27	112	4	112	4	112	4	112	108	116
DE-6-115-89-2019-K	DE-6-115	2	116	25	111	4	113	4	113	4	117	111	116
DE-6-115-90-2019	DE-6-115	2	110	17	103	3.5	104	3	101	4	114	110	106
DE-6-115-93-2019	DE-6-115	2	109	19	105	3	99	3	99	4	114	110	105
DE-6-115-95-2019	DE-6-115	2	115	24	110	4	113	4	113	4	117	110	115