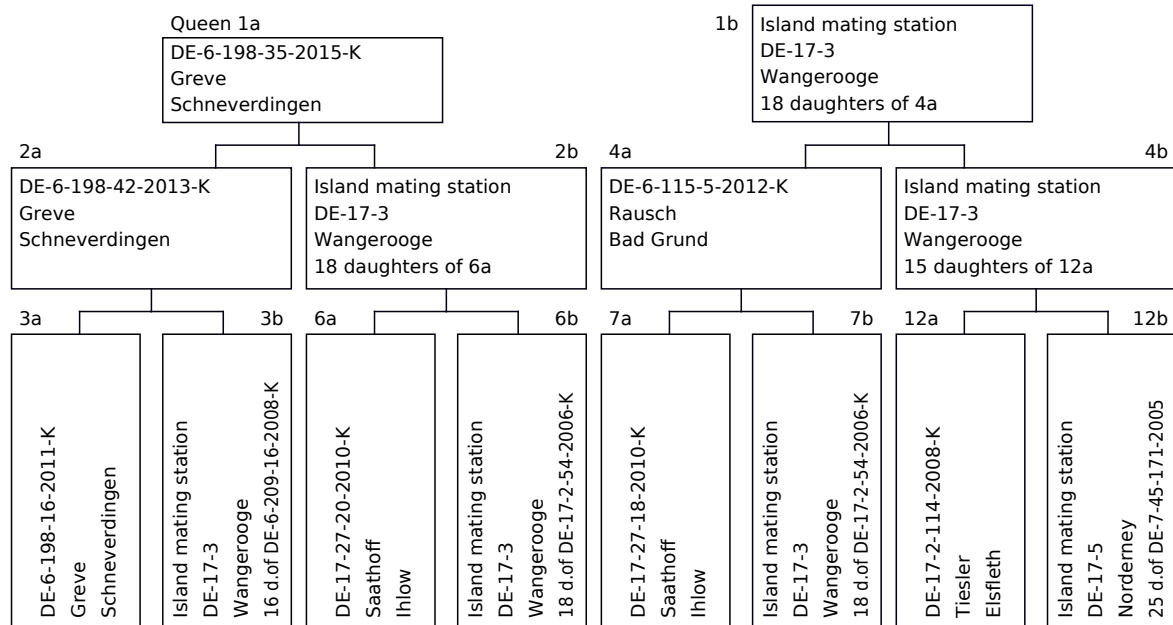


Tester of the queen: Greve, Horst, 29640 Schneverdingen, DE-6-198, Apiary 3  
 Breeder of the queen: Greve, Horst, 29640 Schneverdingen, DE-6-198  
**1a** Studbook number: **DE-6-198-35-2015-K**

Race line: -23 Sign: blue 13 Daughters of Queen: 1.3%  
 Generation: 4 Hatch date: 22.06.2015 Workers: 4.5%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	57.6	155.8	1	18	37.0
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	133			
Honey yield	-	129			0.43
Defensive behavior	4	130			0.64
Steadiness on comb	4	129			0.66
Swarming drive	4	122			0.43
Varroa	-	123			0.54
Performance index	-	0			
Robustness in winter	3.30		70%	100%	170%
Development in Spring	3.80				
Colony strength	3.80				

<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-6-198-35-2015-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 19

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-6-198-49-2015	DE-6-198	1	107	32	98	3.8	108	3.7	109	4	110	110	
DE-6-198-50-2015	DE-6-198	1	106	26.5	95	4	120	3.9	121	4	114	94	
DE-6-198-51-2015	DE-6-198	1	102	34.2	99	3.8	103	3.6	102	3.9	100	103	
DE-6-198-70-2015	DE-6-198	1	109	42.1	111	3.9	114	3.8	115	4	114	98	
DE-6-198-71-2015	DE-6-198	1	108	38.9	105	3.8	104	3.6	102	4	105	109	
DE-6-198-45-2015	DE-6-198	2	111	32.6	104	3.8	112	3.8	111	4	109	108	
DE-6-198-46-2015	DE-6-198	2	130	47.7	125	3.9	126	4	124	4	117	124	
DE-6-198-47-2015	DE-6-198	2	109	35.8	107	3.8	112	3.8	113	3.9	107	103	
DE-6-198-48-2015	DE-6-198	2	108	33.7	103	3.7	105	3.7	104	4	104	111	
DE-6-198-72-2015	DE-6-198	2	114	33.6	105	3.9	115	3.7	113	4	110	112	
DE-6-198-73-2015	DE-6-198	2	109	37.5	109	3.8	113	3.8	113	3.9	108	101	
DE-6-198-74-2015	DE-6-198	2	98	33.6	101	3.7	100	3.5	100	3.9	101	96	
DE-6-198-75-2015	DE-6-198	2	112	37.2	111	3.9	121	3.9	122	4	118	96	
DE-6-198-35-2015-K	DE-6-198	3	133	57.6	129	4	130	4	129	4	122	123	
DE-6-198-36-2015	DE-6-198	3	111	36.5	105	3.8	111	3.7	111	4	111	107	
DE-6-198-37-2015	DE-6-198	3	104	34.3	102	3.7	106	3.6	105	4	108	100	
DE-6-198-38-2015	DE-6-198	3	103	33.3	100	3.7	103	3.5	103	3.9	102	103	
DE-6-198-52-2015	DE-6-198	3	111	35.7	105	3.8	114	3.8	113	3.9	106	107	
DE-6-198-53-2015	DE-6-198	3	128	49.9	121	4	126	3.9	125	4	119	120	