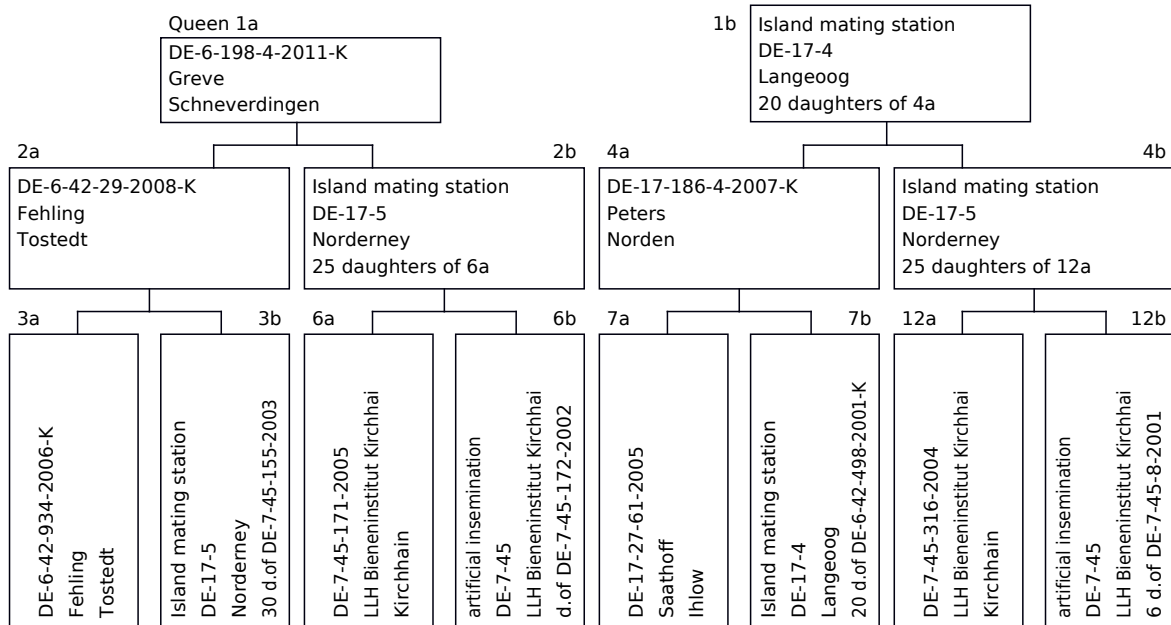


Tester of the queen: Greve, Horst, 29640 Schneverdingen, DE-6-198, Apiary 2  
 Breeder of the queen: Greve, Horst, 29640 Schneverdingen, DE-6-198  
**1a** Studbook number: **DE-6-198-4-2011-K**

Race line: -30 Sign: white 49 Daughters of Queen: 0.4%  
 Generation: 1 Hatch date: 05.07.2011 Workers: 0.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 32			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	45	128	2	18	35.2
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	133			
Honey yield	-	119			0.43
Defensive behavior	4	128			0.63
Steadiness on comb	4	128			0.66
Swarming drive	4	123			0.43
Varroa	-	126			0.53
Performance index	-	0			
Robustness in winter	4		70%	100%	170%
Development in Spring	3.90				
Colony strength	3.90				

<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-6-198-4-2011-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 16

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-17-2-88-2011-K	DE-6-45	3	121		110		Behavior		112		111	108	
DE-17-2-92-2011	DE-6-45	3	117		109				112		111	117*	
DE-17-2-93-2011	DE-6-45	3	95		98				100		108	89*	
DE-6-198-2-2011	DE-6-198	1	108	36	105	3.6	105	3.5	105	4	112	104	
DE-6-198-3-2011	DE-6-198	1	100	39	105	3.3	96	3.4	96	3.8	103	101	
DE-6-198-9-2011	DE-6-198	1	95	31	95	3	86	3.2	85	3.8	94	105	
DE-6-198-10-2011	DE-6-198	1	99	27	94	3.5	101	3.5	101	3.7	100	99	
DE-6-198-4-2011-K	DE-6-198	2	133	45	119	4	128	4	128	4	123	126	
DE-6-198-5-2011	DE-6-198	2	105	33	101	3.6	103	3.6	104	3.9	108	103	
DE-6-198-6-2011	DE-6-198	2	93	26	90	3	83	3.2	82	3.8	91	107	
DE-6-198-7-2011	DE-6-198	2	118	35	106	3.8	114	3.8	114	3.9	111	117	
DE-6-198-8-2011	DE-6-198	2	110	34	103	3.7	108	3.7	108	3.8	107	109	
DE-6-198-11-2011	DE-6-198	2	92	32	97	3.4	93	3.3	94	3.6	97	91	
DE-17-2-86-2011	DE-17-2	2	107		85		107		106		103	113*	
DE-17-2-89-2011	DE-17-2	2	111		104		109		110		110	109	
DE-17-2-91-2011	DE-17-2	2	108		103		102		101		105	112	

Only one Varroa trait was recorded