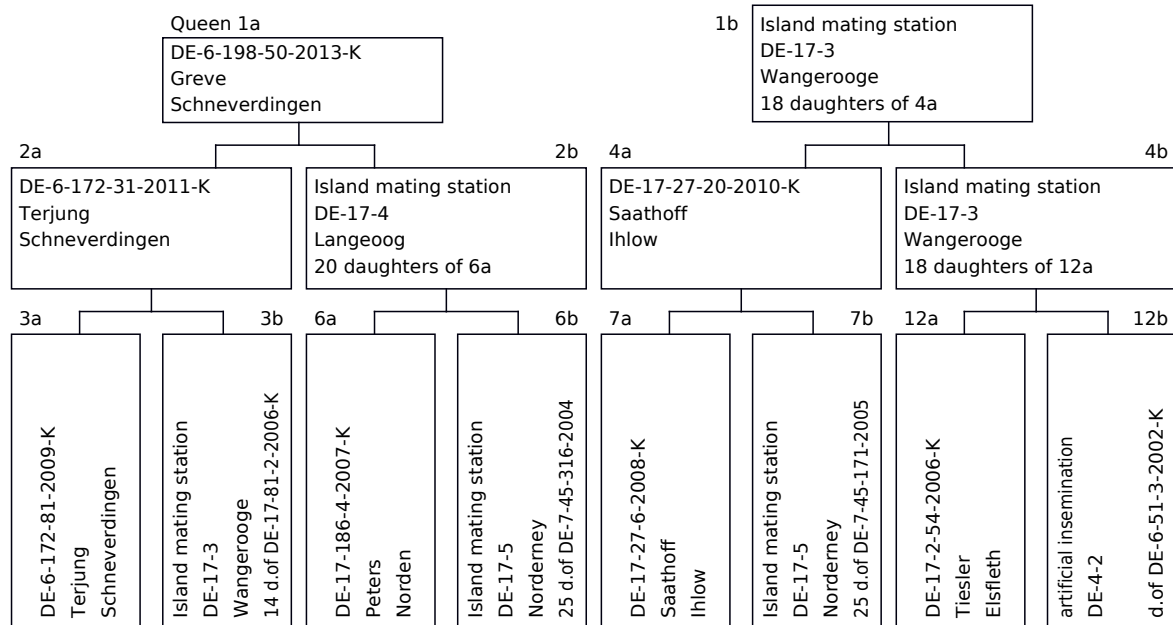


Tester of the queen: Greve, Horst, 29640 Schneverdingen, DE-6-198, Apiary 2  
 Breeder of the queen: Greve, Horst, 29640 Schneverdingen, DE-6-198  
**1a** Studbook number: **DE-6-198-50-2013-K**

Race line: -40 Sign: red 11 Daughters of Queen: 1.7%  
 Generation: 1 Hatch date: 16.07.2013 Workers: 2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 2			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	44.3	127.9	1	17	34.6
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	129			
Honey yield	-	125			0.44
Defensive behavior	4	126			0.64
Steadiness on comb	4	125			0.67
Swarming drive	4	122			0.44
Varroa	-	119			0.54
Performance index	-	0			
Robustness in winter	3.70		70%	100%	170%
Development in Spring	3.50				
Colony strength	3.70				

<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-6-198-50-2013-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 22

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-6-172-1-2013	DE-6-172	1	112		122		107		108		108	99	
DE-6-172-2-2013	DE-6-172	1	110		103		107		108		108	110	
DE-6-172-3-2013	DE-6-172	1	121		99		123		122		119	116	
DE-6-172-4-2013	DE-6-172	1	118		111		111		109		110	120	
DE-6-172-5-2013	DE-6-172	1	113		106		104		103		105	118	
DE-6-172-6-2013	DE-6-172	1	113		119		115		117		106	103	
DE-6-172-7-2013	DE-6-172	1	115		113		111		111		106	114	
DE-6-172-8-2013	DE-6-172	1	101		96		100		100		106	101	
DE-6-172-9-2013	DE-6-172	1	117		101		109		107		97	129	
DE-6-172-10-2013	DE-6-172	1	100		106		102		104		109	92	
DE-6-172-11-2013	DE-6-172	2	112		120		115		118		121	96	
DE-6-172-12-2013	DE-6-172	2	111		108		108		108		103	111	
DE-6-172-19-2013	DE-6-172	2	105		110		100		101		106	104	
DE-6-172-24-2013-K	DE-6-172	4	129		121		121		120		117	126	
DE-6-198-50-2013-K	DE-6-198	2	129	44.3	125	4	126	4	125	4	122	119	
DE-17-2-120-2013-K	DE-17-159	3	111		105		102		101		103	117	
DE-17-2-121-2013	DE-17-159	3	121		117		113		112		111	121	
DE-6-172-13-2013	NL-55-2	1	119		108		119		118		115	114	
DE-6-172-15-2013-K	NL-55-2	1	116		116		112		112		114	110	
DE-6-172-16-2013	NL-55-2	1	100		108		89		88		91	110	
DE-6-172-17-2013	NL-55-2	1	93		106		103		106		115	76	
DE-6-172-18-2013	NL-55-2	1	115		110		106		106		108	117	