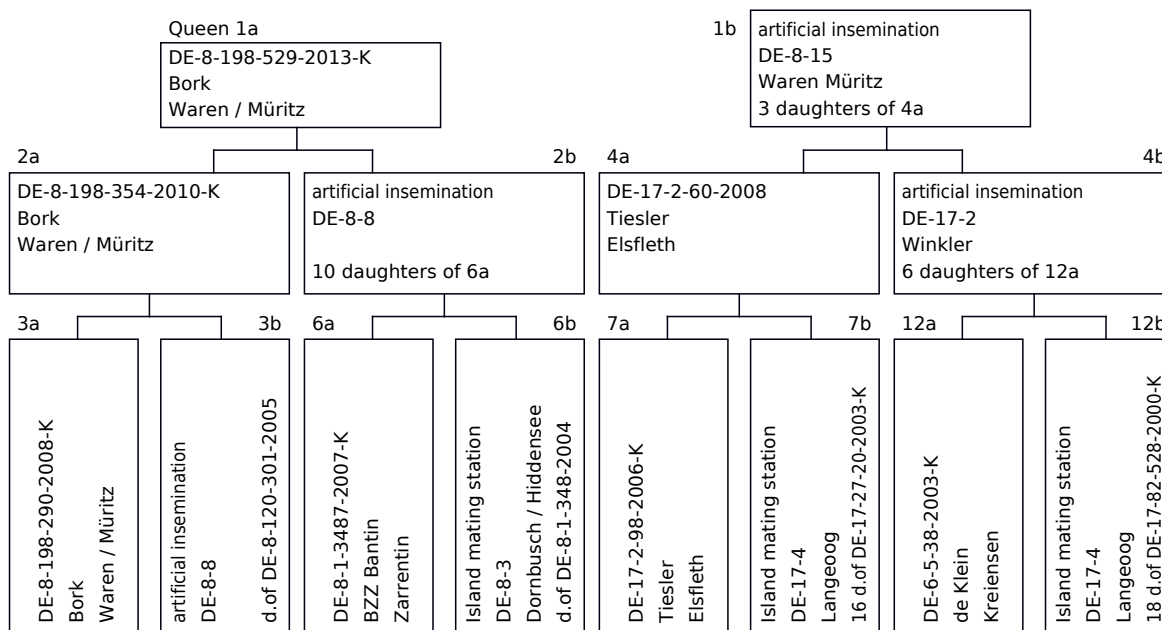


Tester of the queen: Bork, Gerhard, 17192 Waren / Müritz, DE-8-198, Apiary 1  
 Breeder of the queen: Bork, Gerhard, 17192 Waren / Müritz, DE-8-198  
**1a** Studbook number: **DE-8-198-529-2013-K**

Race line: -43 Sign: red 9 Daughters of Queen: 1.6%  
 Generation: 4 Hatch date: 1.6.2013 Workers: 0.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony V. 27			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	59.5	125.1	2	8	47.6
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	109			
Honey yield	-	113			0.34
Defensive behavior	4	107			0.52
Steadiness on comb	4	107			0.55
Swarming drive	4	110			0.35
Varroa	-	103			0.43
Performance index	-	0			
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	4				

<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-8-198-529-2013-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-8-198-524-2013-K	DE-8-198	1	103	59	113	4	107	4	107	4	107	90	
DE-8-198-525-2013-K	DE-8-198	1	116	64	116	4	107	4	107	4	107	117	
DE-8-198-526-2013	DE-8-198	1	101	59	111	4	100	3.8	101	4	109	95	
DE-8-198-527-2013	DE-8-198	1	109	55	110	4	106	4	106	4	108	106*	
DE-8-198-528-2013	DE-8-198	1	98	12	85	4	104	4	103	4	101	98*	
DE-8-198-529-2013-K	DE-8-198	1	109	59.5	113	4	107	4	107	4	110	103	
DE-8-198-530-2013	DE-8-198	1	106	56	108	4	97	3.7	96	4	104	110	
DE-8-198-531-2013	DE-8-198	1	99	16	87	4	104	4	103	4	101	(100)	

Only one Varroa trait was recorded