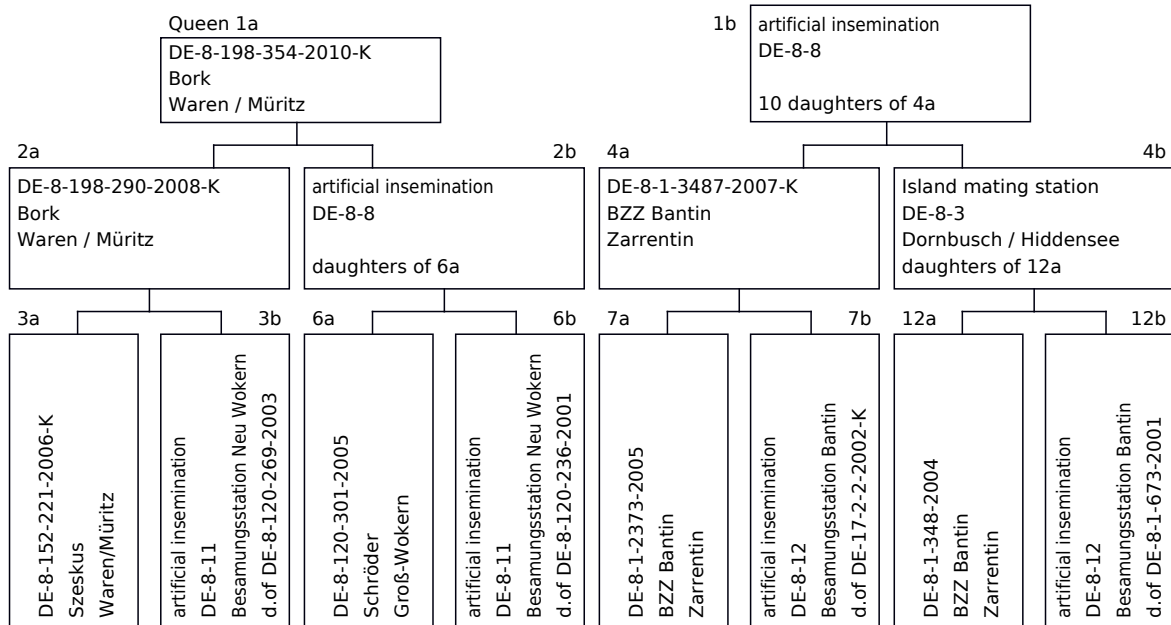


Tester of the queen: Bork, Gerhard, 17192 Waren / Müritz, DE-8-198, Apiary 1  
 Breeder of the queen: Bork, Gerhard, 17192 Waren / Müritz, DE-8-198  
**1a** Studbook number: **DE-8-198-354-2010-K**

Race line: -5 Sign: blue Daughters of Queen: 13.4%  
 Generation: Hatch date: 16.6.2010 Workers: 1.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 198			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	52.5	128.4	2	8	40.9	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	110	■			
Honey yield	-	110	■			0.32
Defensive behavior	4	111	■			0.45
Steadiness on comb	4	111	■			0.49
Swarming drive	4	110	■			0.33
Varroa	-	104	■			0.4
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-8-198-354-2010-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-8-198-351-2010	DE-8-198	1	99	45.5	104	4	104	4	104	4	84	84	
DE-8-198-352-2010	DE-8-198	1	102	15.5	84	4	108	4	106	4	101	104	
DE-8-198-353-2010	DE-8-198	1	96	38	94	3.5	86	3.8	85	4	93	107	
DE-8-198-354-2010-K	DE-8-198	1	110	52.5	110	4	111	4	111	4	110	104	
DE-8-198-356-2010	DE-8-198	1	111	57.5	113	4	110	4	111	4	111	104	
DE-8-198-360-2010-K	DE-8-198	1	120	40	101	4	110	4	106	4	101	132	
DE-8-198-361-2010	DE-8-198	1	93	31	92	3.8	102	4	103	3.7	95	90	
DE-8-198-372-2010	DE-8-198	1	107	47	105	4	109	4	110	4	110	101	