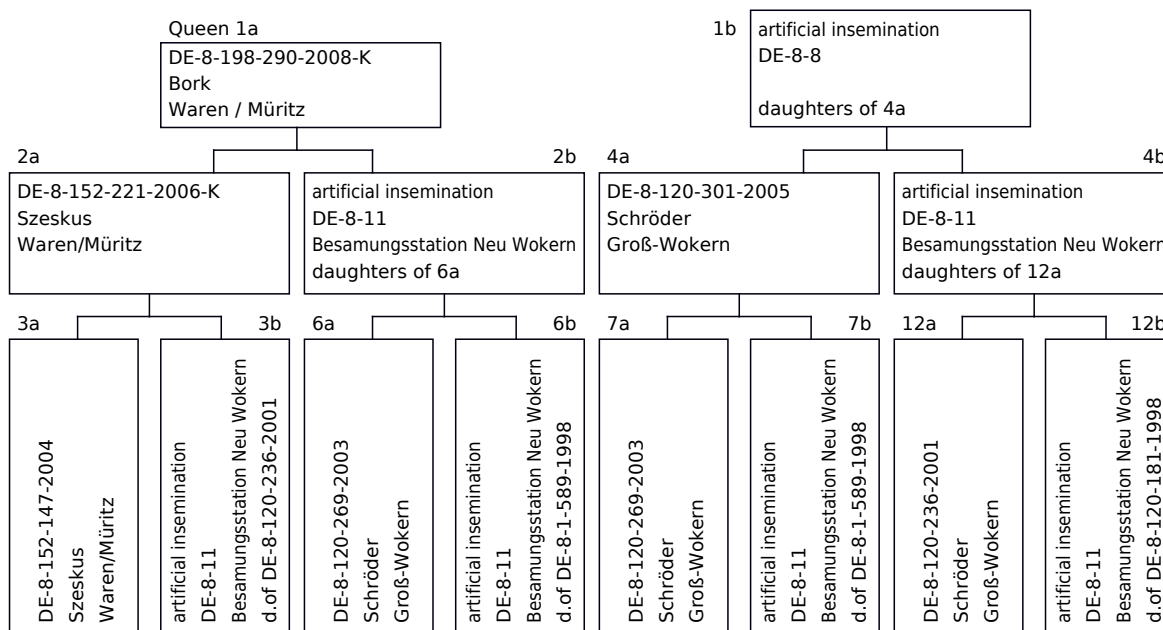


Tester of the queen: Bork, Gerhard, 17192 Waren / Müritz, DE-8-198, Apiary 1  
 Breeder of the queen: Bork, Gerhard, 17192 Waren / Müritz, DE-8-198  
**1a** Studbook number: **DE-8-198-290-2008-K**

Race line: -5 Sign: red 9 Daughters of Queen: 11.5%  
 Generation: Hatch date: 6.6.2008 Workers: 13.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 198			comparable colonies at the apiary			
	kg	%	Ranking	number	Yield average kg		
	26	107.5	3	8	24.2		
	Assessment*	Breeding values				Reliability	
<b>Total breeding value<sup>1</sup></b>	-	119					
Honey yield	-	103					0.27
Defensive behavior	4	106					0.43
Steadiness on comb	4	103					0.46
Swarming drive	4	97					0.28
Varroa	-	134					0.36
Performance index	-	0					
Robustness in winter	4						
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

none Analysis of race characteristics

### 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-8-198-290-2008-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-8-198-273-2008	DE-8-198	1	106	25	101	4	105	4	105	3.8	105	108	
DE-8-198-274-2008	DE-8-198	1	91	25.5	100	3.8	100	4	102	3.8	102	82	
DE-8-198-275-2008	DE-8-198	1	102	14	92	4	105	4	104	4	101	(104)	
DE-8-198-277-2008	DE-8-198	1	96	17.5	94	3.9	101	4	103	4	103	91	
DE-8-198-279-2008-K	DE-8-198	1	105	27.5	104	4	106	4	106	4	105	101	
DE-8-198-289-2008	DE-8-198	1	107	23	98	4	105	4	105	2.7	85	116	
DE-8-198-290-2008-K	DE-8-198	1	119	26	103	4	106	4	103	4	97	134	
DE-8-198-292-2008	DE-8-198	1	87	35	105	2.8	82	4	84	4	96	88*	

Only one Varroa trait was recorded