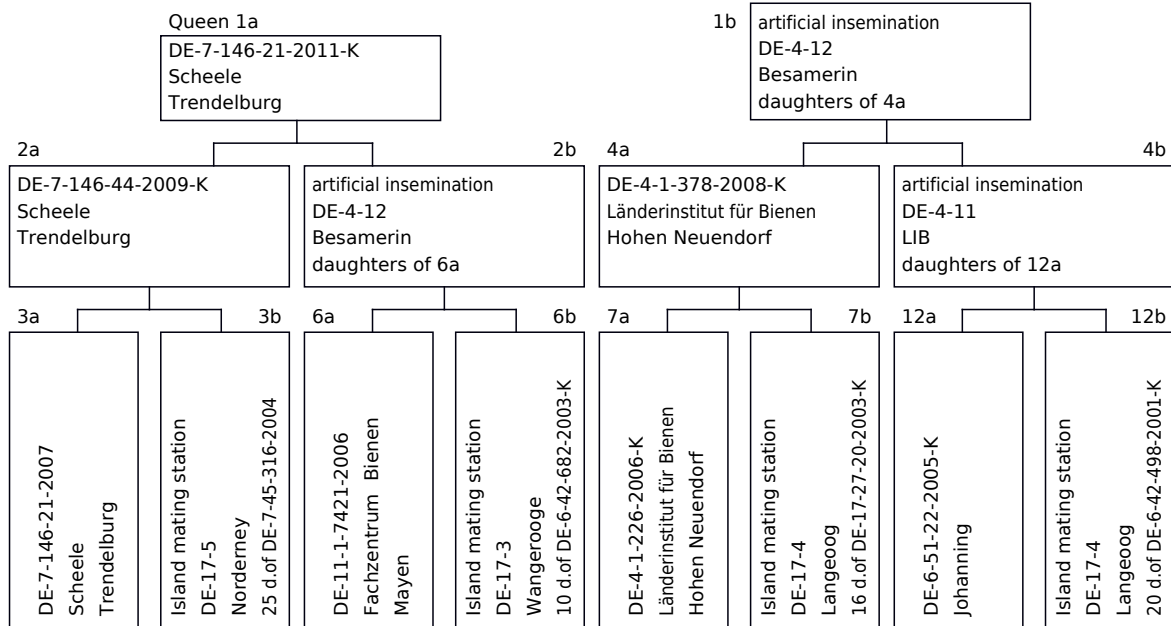


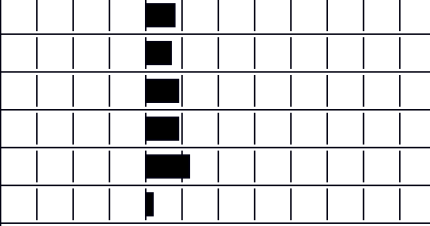
Tester of the queen: Scheele, Wolfgang, 34388 Trendelburg, DE-7-146, Apiary 1  
 Breeder of the queen: Scheele, Wolfgang, 34388 Trendelburg, DE-7-146  
**1a** Studbook number: **DE-7-146-21-2011-K**

Race line: Sign: white 21 Daughters of Queen: 0.4%  
 Generation: 11 Hatch date: 10.06.2011 Workers: 0.3%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 28			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	56.8	92.1	9	13	61.7	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	108				
Honey yield	-	107				0.42
Defensive behavior	3.30	109				0.61
Steadiness on comb	3.30	109				0.63
Swarming drive	4	112				0.4
Varroa	-	(102)				0.28
Performance index	-	0				
Robustness in winter	2.50	70% 100% 170%				
Development in Spring	2.50					
Colony strength	3.20					

<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 A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

# Breeding selection report DE-7-146-21-2011-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 11

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-7-146-38-2011-K	DE-7-45	3	105		110							102	
DE-7-146-39-2011	DE-7-45	4	105		105		91				93	118	
DE-7-146-13-2011	DE-7-146	1	104	27.8	87	3.5	107	3	106	4	106	105	
DE-7-146-19-2011-K	DE-7-146	1	112	57.6	105	3	100	3	97	4	102	122	
DE-7-146-21-2011-K	DE-7-146	1	108	56.8	107	3.3	109	3.3	109	4	112	(102)	
DE-7-146-22-2011-K	DE-7-146	1	103	60.6	109	3.3	109	3.3	111	4	116	90	
DE-7-146-23-2011	DE-7-146	1	100	39.4	94	3.3	104	3	103	4	106	98*	
DE-7-146-24-2011	DE-7-146	1	106	66.8	110	3	96	2.5	94	4	105	110	
DE-7-146-25-2011	DE-7-146	1	101	60.8	108	3.3	106	3	107	4	113	89	
DE-7-146-40-2011-K	DE-7-146	1	103	56.2	106	3.3	109	3.3	110	4	114	91	
DE-7-146-31-2011	DE-7-177	1	120		129		132		135		131	92	

Only one Varroa trait was recorded