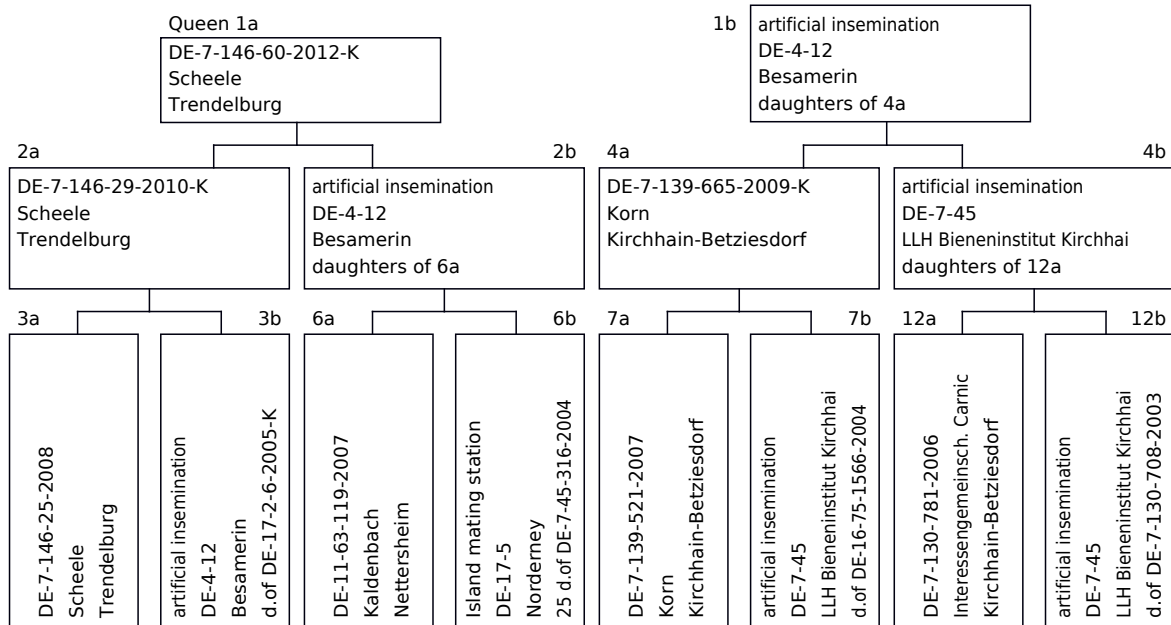


Tester of the queen: Scheele, Wolfgang, 34388 Trendelburg, DE-7-146, Apiary 1  
 Breeder of the queen: Scheele, Wolfgang, 34388 Trendelburg, DE-7-146  
**1a** Studbook number: **DE-7-146-60-2012-K**

Race line: Sign: yellow 54 Daughters of Queen: 1.4%  
 Generation: 12 Hatch date: 04.06.2012 Workers: 0.5%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 35			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	98	128.4	1	15	76.3
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	121			
Honey yield	-	129			0.42
Defensive behavior	3.70	111			0.63
Steadiness on comb	3.50	111			0.65
Swarming drive	4	117			0.42
Varroa	-	115			0.53
Performance index	-	0			
Robustness in winter	3.50		70%	100%	170%
Development in Spring	3.50				
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-7-146-60-2012-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 16

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-7-146-46-2012	DE-6-52	3	121		116		Behavior		109		drive	122	
DE-7-146-47-2012	DE-6-52	3	109		108				101		109	111	
DE-7-146-40-2012-K	DE-7-45	2	123		114				105		102	133	
DE-7-146-39-2012-K	DE-7-45	3	111		109				102		108	113	
DE-7-146-60-2012-K	DE-7-146	1	121	98	129	3.7	111	3.5	111	4	117	115	
DE-7-146-61-2012-K	DE-7-146	1	117	96.8	125	3.3	98	3.3	98	4	108	123	
DE-7-146-64-2012	DE-7-146	1	112	87.4	118	3.5	101	3.2	100	4	109	113	
DE-7-146-68-2012	DE-7-146	1	121	91	120	3.4	98	3.2	96	4	105	133	
DE-7-146-44-2012	DE-7-177	1	98		99		86		84		88	112	
DE-7-146-45-2012	DE-7-177	1	107		110		100		99		101	111	
DE-7-146-52-2012	DE-7-314	1	113		123		94		94		118	115*	
DE-7-146-53-2012	DE-7-314	1	117		109		107		105		104	123*	
DE-7-146-54-2012	DE-7-314	1	126		122		111		109		109	132*	
DE-7-146-55-2012	DE-7-314	1	116		99		99		95		95	136*	
DE-7-146-56-2012	DE-7-314	1	114		111		105		104		121	111*	
DE-7-146-57-2012	DE-7-314	1	117		107		116		115		106	117*	

Only one Varroa trait was recorded