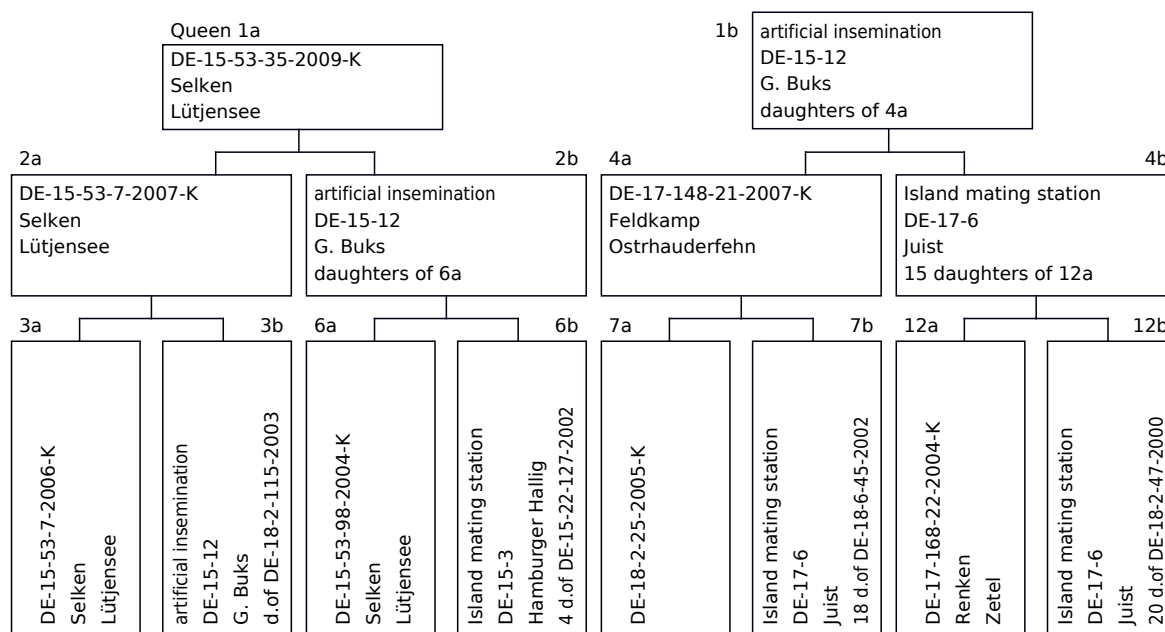


Tester of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53, Apiary 1  
 Breeder of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53  
**1a** Studbook number: **DE-15-53-35-2009-K**

Race line: -1 Sign: green 35 Daughters of Queen: 9.6%  
 Generation: 11 Hatch date: 7.7.2009 Workers: 1.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 9			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	78	116.8	3	10	66.8
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	112			
Honey yield	-	115			0.42
Defensive behavior	3.80	116			0.6
Steadiness on comb	3.90	118			0.62
Swarming drive	3.70	111			0.39
Varroa	-	(101)			0.25
Performance index	-	0			
Robustness in winter	3.90		70%	100%	170%
Development in Spring	3.90				
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 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-15-53-35-2009-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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-15-53-35-2009-K	DE-15-53	1	112	78	115	3.8	116	3.9	118	3.7	111	(101)	
DE-15-53-62-2009	DE-15-53	1	96	61	96	3.6	101	3.7	102	3.4	93	(94)	
DE-15-53-36-2009	DE-15-53	2	93	57	96	3.4	96	3.5	97	3.5	97	(92)	
DE-15-53-58-2009	DE-15-53	2	103	64	106	3.6	106	3.6	106	3.5	104	(97)	
DE-15-53-61-2009	DE-15-53	2	98	59	100	3.5	102	3.6	103	3.4	98	(94)	
DE-15-53-65-2009	DE-15-53	2	109	73	116	3.7	110	3.6	111	3.4	107	(101)	
DE-15-53-28-2009	DE-18-102	1	101		102		107		108		107	93	
DE-15-53-40-2009	DE-18-102	1	102		95		105		105		100	103	