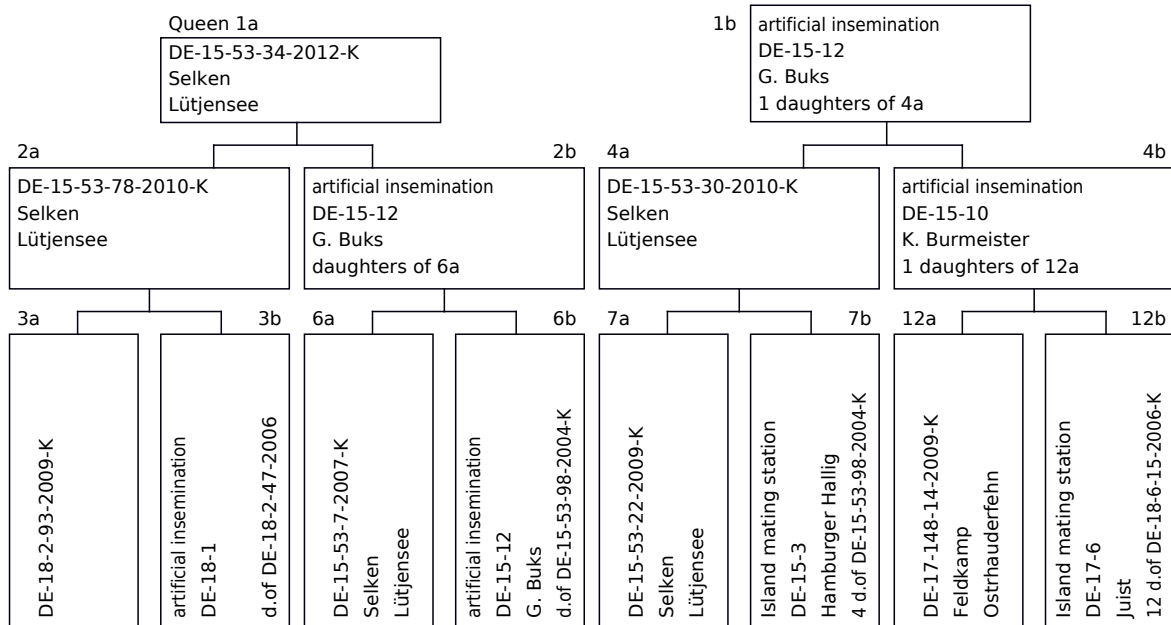


Tester of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53, Apiary 3  
 Breeder of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53  
**1a** Studbook number: **DE-15-53-34-2012-K**

Race line: -4 Sign: yellow 34 Daughters of Queen: 0.9%  
 Generation: 15 Hatch date: 1.6.2012 Workers: 3.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 43			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	73	123.7	2	6	59
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	118			
Honey yield	-	122			0.31
Defensive behavior	4	115			0.45
Steadiness on comb	4	115			0.49
Swarming drive	4	116			0.32
Varroa	-	109			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-15-53-34-2012-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-15-53-72-2012	DE-15-53	1	100	50	100	3.7	100	3.7	100	3.4	100	101	
DE-15-53-34-2012-K	DE-15-53	3	118	73	122	4	115	4	115	4	116	109	
DE-15-53-69-2012	DE-15-53	3	96	53	101	3.8	98	3.7	99	3.7	99	94	
DE-15-53-30-2012	DE-15-169	2	104		107		104		105		103	101	
DE-15-53-36-2012-K	DE-15-169	2	116		120		115		116		113	108	
DE-15-53-54-2012	DE-15-169	2	108		109		108		108		105	103	
DE-15-53-61-2012	DE-15-169	2	97		101		97		98		99	95	
DE-15-53-66-2012	DE-15-169	2	97		103		94		95		97	98	