

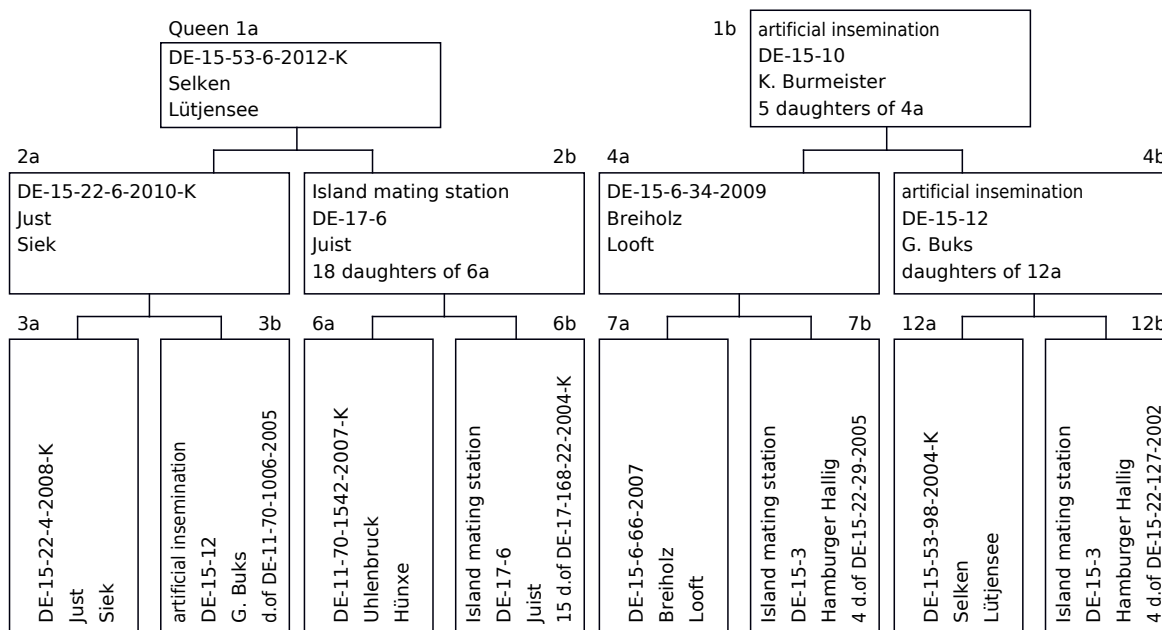
Tester of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53, Apiary 2  
 Breeder of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53  
**1a** Studbook number: **DE-15-53-6-2012-K**

Race line: -4  
 Generation: 1

Sign: yellow 6  
 Hatch date: 15.6.2012

Daughters of Queen: 0%  
 Workers: 0.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 10			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	76	143.4	1	7	53
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	118			
Honey yield	-	120			0.32
Defensive behavior	3.90	116			0.49
Steadiness on comb	4	116			0.53
Swarming drive	3.90	116			0.33
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-15-53-6-2012-K

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### Performance of the sisters

Amount of checked sisters: 14

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-15-22-32-2012-K	DE-15-6	1	110		107		Behavior		105		drive	(100)	
DE-15-22-33-2012	DE-15-6	1	96		92			99	96		98	(97)	
DE-15-22-36-2012	DE-15-6	1	102		101			105	105		103	(99)	
DE-15-22-30-2012	DE-15-22	1	92		96			93	93		91	(95)	
DE-15-22-37-2012	DE-15-22	2	91		94			94	95		87	(93)	
DE-15-22-38-2012	DE-15-22	2	107		105			109	108		111	(100)	
DE-15-22-40-2012	DE-15-22	2	91		91			94	94		92	(92)	
DE-15-53-1-2012	DE-15-53	2	97	40	90	3.8	103	3.7	103	3.7	100	96	
DE-15-53-5-2012-K	DE-15-53	2	118	73	119	4	119	4	120	4	121	106	
DE-15-53-6-2012-K	DE-15-53	2	118	76	120	3.9	116	4	116	3.9	116	109	
DE-15-53-7-2012	DE-15-53	2	97	41	91	3.8	103	3.7	103	3.9	105	94	
DE-15-53-8-2012	DE-15-53	2	91	52	96	3.4	92	3.6	92	3.5	93	92	
DE-15-53-9-2012	DE-15-53	2	87	45	89	3.4	88	3.4	88	3.3	87	94	
DE-15-53-10-2012	DE-15-53	2	88	44	90	3.4	94	3.7	94	3.4	91	89	