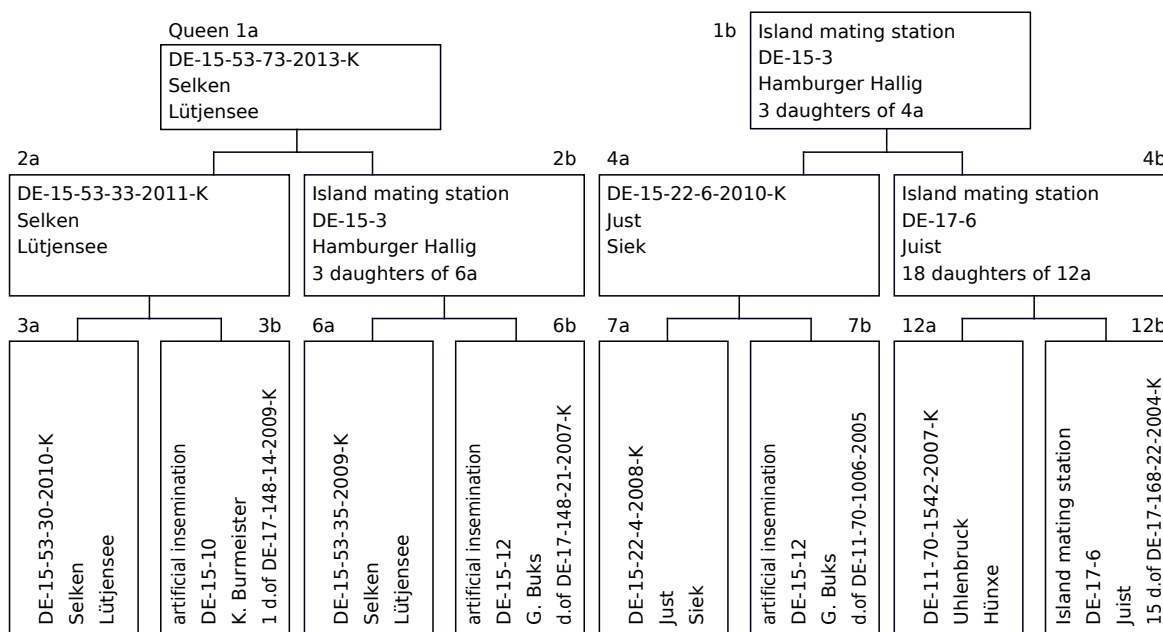



Tester of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53, Apiary 5
 Breeder of the queen: Selken, Hans Werner, 22952 Lütjensee, DE-15-53
1a Studbook number: **DE-15-53-73-2013-K**

Race line: -10 Sign: red 73 Daughters of Queen: 5.9%
 Generation: 14 Hatch date: 14.6.2013 Workers: 1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Volk 25			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	74	118.6	2	12	62.4	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	117				
Honey yield	-	118				0.41
Defensive behavior	4	113				0.61
Steadiness on comb	4	112				0.63
Swarming drive	4	112				0.41
Varroa	-	113				0.51
Performance index	-	0				
Robustness in winter	4					
Development in Spring	4					
Colony strength	4					

¹In 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-15-53-73-2013-K

Page 2

Performance of the sisters

Amount of checked sisters: 13

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-15-160-26-2013	DE-15-22	1	101		105		105		105		(105)	(96)	
DE-15-160-17-2013	DE-15-22	2	99		102		(101)		inspection (102)		(102)	(96)	
DE-15-53-73-2013-K	DE-15-53	5	117	74	118	4	113	4	112	4	112	113	
DE-15-53-100-2013	DE-15-53	5	82	46	87	3	83	3.8	84	4	92	85	
DE-15-53-110-2013	DE-15-53	5	86	49	90	3.5	91	3.8	92	3.7	90	87	
DE-15-53-136-2013-K	DE-15-53	5	115	72	116	4	113	4	113	4	112	109	
DE-15-53-1-2013	DE-15-69	1	103		95		101		100		94	109	
DE-15-160-27-2013	DE-15-69	1	92		101		101		104		103	81	
DE-15-160-60-2013	DE-15-69	1	94		96		96		97		88	96	
DE-15-53-115-2013	DE-18-102	1	104		110		115		118		116	85	
DE-15-53-118-2013	DE-18-102	1	75		100		74		77		101	69	
DE-15-53-159-2013	DE-18-502	1	99		112		106		108		115	82	
DE-15-53-166-2013	DE-18-502	1	98		100		95		95		87	105	