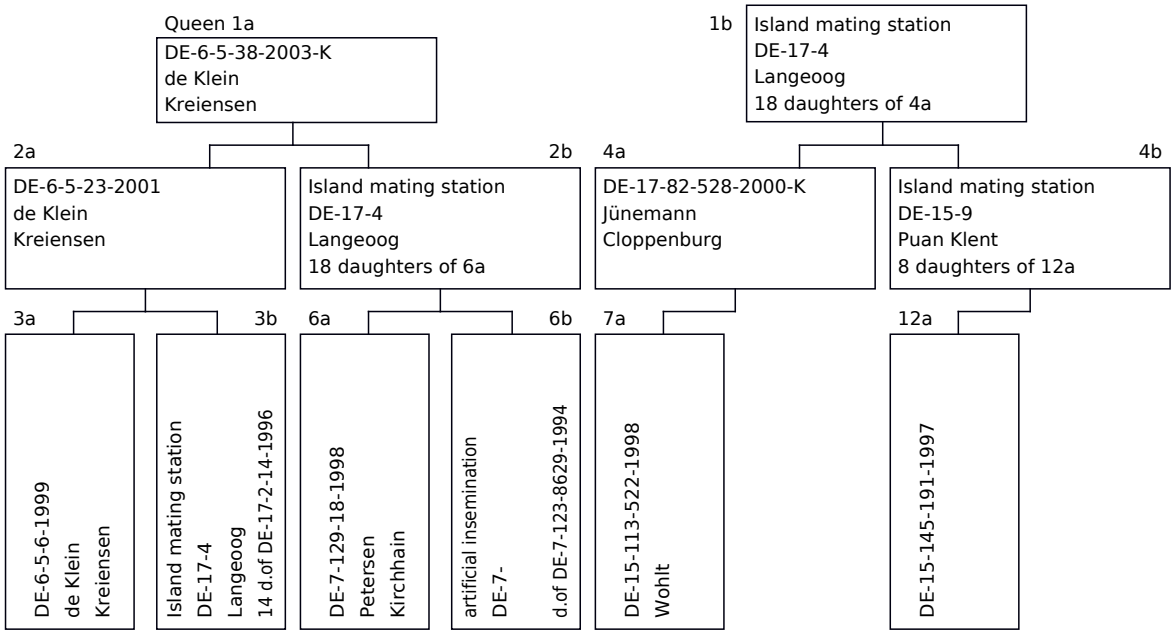
Breeding selection report
DE-6-5-38-2003-K

DEUTSCHER IMKERBUND E.V.

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Johanning, Helmut, DE-6-51, Apiary 1	
Breeder of the queen:	de Klein, Winfried, 37547 Kreiensen, DE-6-5	
1a Studbook number:	**DE-6-5-38-2003-K**	
		Daughters of
Race line: -40	Sign: red	Queen: 0%
Generation:	Hatch date:	Workers: 0%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	57.2	152.3	2	7	37.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	127	
Honey yield	-	123	0.46
Defensive behavior	4	122	0.61
Steadiness on comb	4	121	0.64
Swarming drive	4	129	0.48
Varroa	-	116*	0.54
Performance index	-	0	
Robustness in winter			
Development in Spring	4		
Colony strength	4		

70% 100% 170%

[1]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%.
Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

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).

13.05.2009

For the correctness DE-6

Breeding selection report DE-6-5-38-2003-K

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Performance of the sisters

Amount of checked sisters: 7

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-6-5-38-2003-K	DE-6-51	1	127	57.2	123	4	122	4	121	4	129	116*	
DE-6-5-39-2003	DE-6-51	1	92	0	82	3.5	95	3	94	4	109	91*	
DE-6-5-40-2003	DE-6-51	1	105	30	99	4	108	3	107	1	101	103*	
DE-6-5-41-2003	DE-6-51	1	95	47.3	107	3	95	3.5	97	3	103	90*	
DE-6-5-42-2003	DE-6-51	1	99	41.6	103	3	90	3	89	2.5	93	107*	
DE-6-5-44-2003	DE-6-51	1	94	28.1	95	3	89	3	88	1	88	103*	
DE-6-5-45-2003	DE-6-51	1	116	58.7	119	3.5	112	4	112	4	122	107*	

Only one Varroa trait was recorded