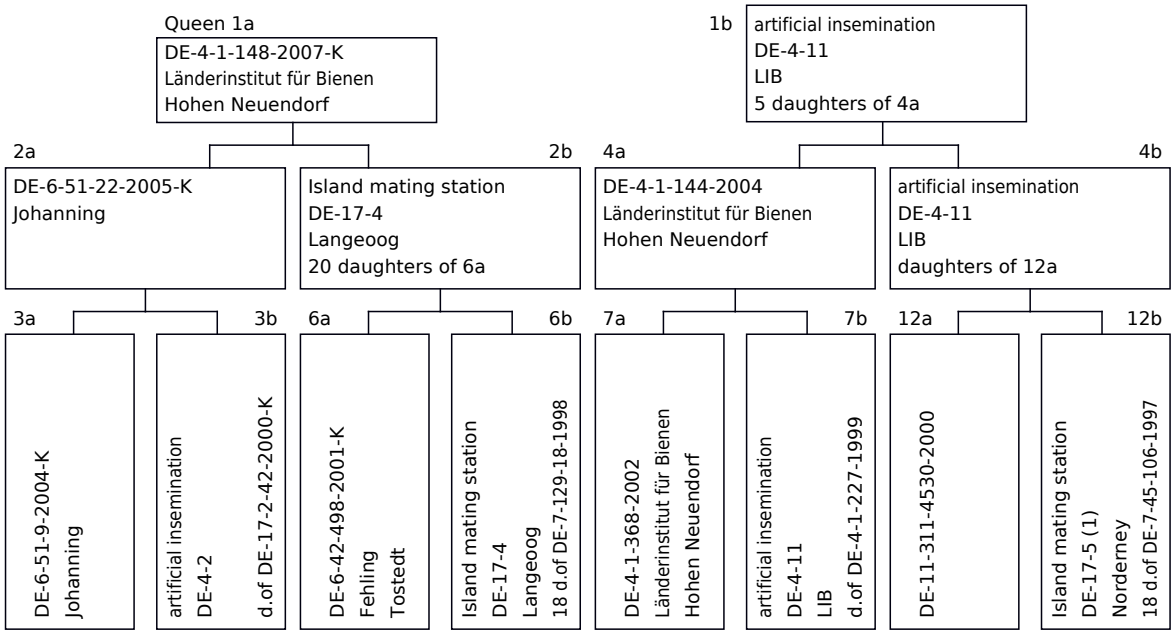
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-1-148-2007-K

Tester of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 1	
Breeder of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1	
1a Studbook number:	**DE-4-1-148-2007-K**	
		Daughters of
Race line: -41	Sign: yellow 48	Queen: 0%
Generation: 1	Hatch date: 04.06.2007	Workers: 0%

A. Pedigree



B. Own performance

	No. of the colony 74			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	55.2	150.4	5	25	36.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	103	
Honey yield	-	114	0.46
Defensive behavior	3.40	107	0.65
Steadiness on comb	3.30	109	0.67
Swarming drive	4	120	0.46
Varroa	-	87	0.54
Performance index	-	0	
Robustness in winter	3.50		
Development in Spring	3.20		
Colony strength	3		

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%.

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).

04.05.2009

For the correctness DE-4

Breeding selection report DE-4-1-148-2007-K

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Performance of the sisters

Amount of checked sisters: 4

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-4-1-148-2007-K	DE-4-1	1	103	55.2	114	3.4	107	3.3	109	4	120	87	
DE-4-1-152-2007-K	DE-4-1	1	102	57.3	114	3.4	108	3.3	110	4	115	86	
DE-4-1-155-2007-K	DE-4-1	1	109	46	113	3.8	124	3.8	126	4	125	85	
DE-4-1-158-2007-K	DE-4-1	1	108	59.1	118	3.6	115	3.5	117	3.9	119	89	