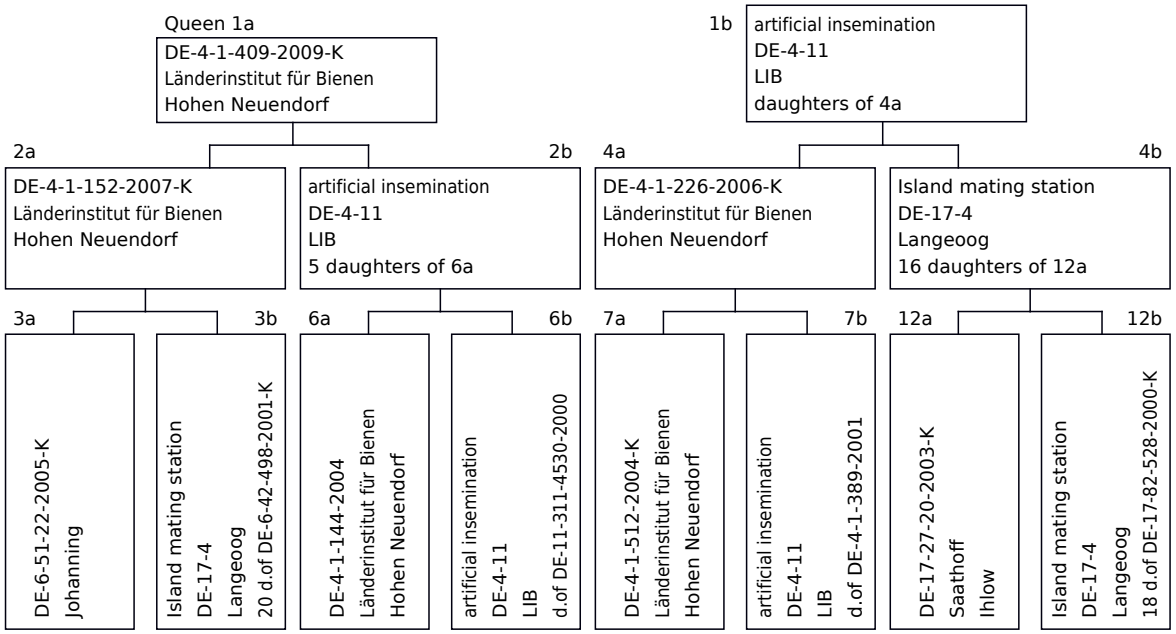
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-1-409-2009-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-4-1-409-2009-K**	
Race line: -33	Sign: green 9	Daughters of Queen: 0%
Generation:	Hatch date: 23.06.2009	Workers: 0.6%

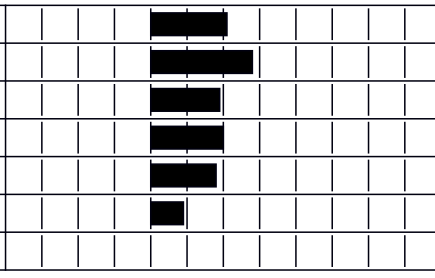
A. Pedigree



B. Own performance

	No. of the colony 44			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	74.4	136.8	1	20	54.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	121	
Honey yield	-	128	0.42
Defensive behavior	3.70	119	0.63
Steadiness on comb	3.50	120	0.66
Swarming drive	4	118	0.42
Varroa	-	109	0.52
Performance index	-	0	
Robustness in winter	3		
Development in Spring	3		
Colony strength	3.50		



[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

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.

29.07.2011

For the correctness DE-4

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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 Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-4-1-407-2009	DE-4-1	1	113	60.6	113	3.6	113	3.4	114	3.7	107	106	
DE-4-1-408-2009	DE-4-1	1	108	62.1	115	3.6	112	3.1	112	4	112	96	
DE-4-1-409-2009-K	DE-4-1	1	121	74.4	128	3.7	119	3.5	120	4	118	109	
DE-4-1-416-2009	DE-4-1	2	105	50.4	112	3.4	103	3.2	104	2.9	98	103	
DE-4-1-417-2009	DE-4-1	2	107	40.5	105	3.8	116	3.4	116	2.6	101	98	
DE-4-1-418-2009-K	DE-4-1	2	111	49.5	114	3.6	112	3.5	112	3.8	110	104	
DE-4-1-419-2009	DE-4-1	2	109	52.3	115	3.6	111	3.4	111	1	97	104	