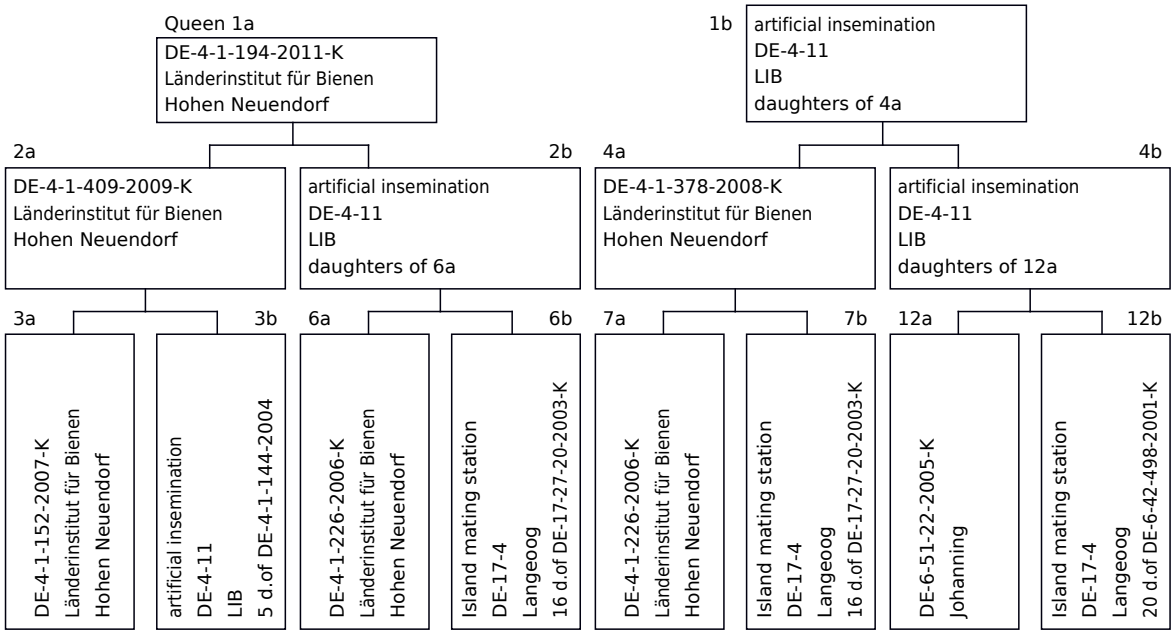
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-1-194-2011-K

Tester of the queen:	Alsdorf, Bernhard, Berlin, DE-4-4, Apiary 1	
Breeder of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1	
1a Studbook number:	**DE-4-1-194-2011-K**	
		Daughters of
Race line: -4	Sign: white 94	Queen: 0.7%
Generation:	Hatch date:	Workers: 5.6%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	61.8	108.4	2	12	57.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	117	0.43
Defensive behavior	4	118	0.62
Steadiness on comb	3.80	118	0.64
Swarming drive	4	126	0.41
Varroa	-	(103)	0.29
Performance index	-	0	
Robustness in winter	3.50		
Development in Spring	3.80		
Colony strength	3.50		

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

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).

25.02.2013

For the correctness DE-4

Breeding selection report DE-4-1-194-2011-K

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Performance of the sisters

Amount of checked sisters: 9

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-4-1-196-2011	DE-4-1	1	116		114		116		114		115	108	
DE-4-1-197-2011	DE-4-1	1	108		113		114		115		116	94	
DE-4-1-31-2011-K	DE-4-1	2	105		105		109		109		111	98	
DE-4-1-199-2011	DE-4-1	2	109		94		119		118		110	102	
DE-4-1-200-2011	DE-4-1	2	113		114		111		110		112	106	
DE-4-1-201-2011-K	DE-4-1	2	113		108		111		110		110	110	
DE-4-1-194-2011-K	DE-4-4	1	117	61.8	117	4	118	3.8	118	4	126	(103)	
DE-4-1-195-2011	DE-4-277	2	116		113		121		121		120	(102)	
DE-4-1-40-2011-K	DE-14-134	1	105		103		110		110		109	(97)	