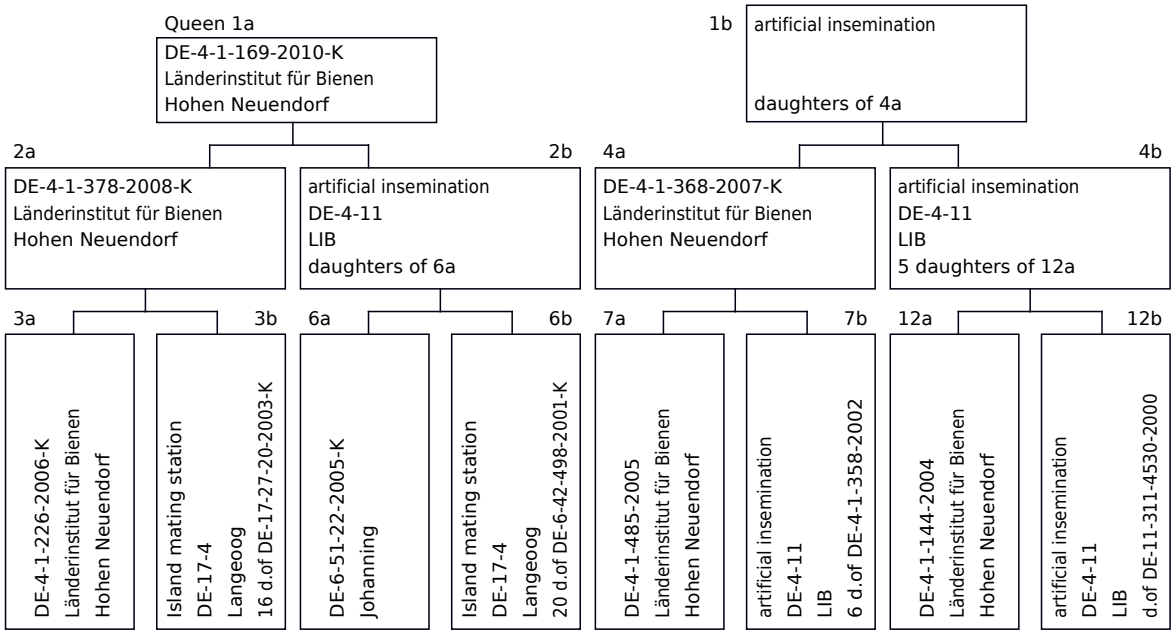
Breeding selection report
DE-4-1-169-2010-K

Tester of the queen:	+ Rengers, Werner, 39128 Magdeburg, DE-14-115, Apiary 15	
Breeder of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1	
1a Studbook number:	**DE-4-1-169-2010-K**	
		Daughters of
Race line:	Sign: blue 69	Queen: 0.2%
Generation:	Hatch date:	Workers: 0.9%

A. Pedigree



B. Own performance

	No. of the colony V10			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	95	100	1	2	95

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	99	
Honey yield	-	100	0.29
Defensive behavior	4	106	0.39
Steadiness on comb	4	107	0.44
Swarming drive	4	107	0.31
Varroa	-	(91)	0.24
Performance index	-	0	
Robustness in winter	4		
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%.

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).

23.03.2012

For the correctness DE-14

Breeding selection report DE-4-1-169-2010-K

Page 2

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 Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-4-1-170-2010	DE-14-59	9	104		111		109		110		112	(92)	
DE-4-1-173-2010	DE-14-59	9	105		112		109		111		113	(92)	
DE-4-1-169-2010-K	DE-14-115	15	99	95	100	4	106	4	107	4	107	(91)	
DE-4-1-243-2010-K	DE-15-10	2	103		101		105		105		100	101	