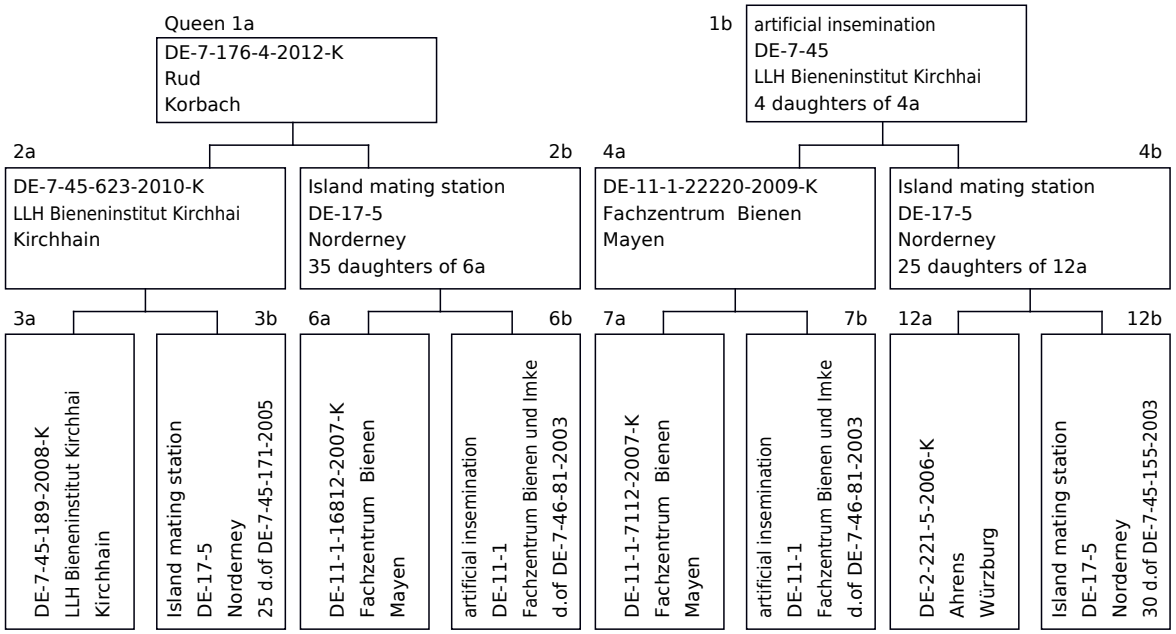
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-176-4-2012-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 2	
Breeder of the queen:	Rud, Eugen, 34497 Korbach, DE-7-176	
1a Studbook number:	**DE-7-176-4-2012-K**	
		Daughters of
Race line: -1	Sign: yellow 4-1	Queen: 1.2%
Generation: 0	Hatch date: 16.05.2012	Workers: 1.6%

A. Pedigree



B. Own performance

	No. of the colony 445			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	32.8	110.3	8	18	29.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	115	
Honey yield	-	111	0.45
Defensive behavior	3.20	109	0.65
Steadiness on comb	2.50	110	0.68
Swarming drive	3	108	0.45
Varroa	-	114	0.55
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength			

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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

20.03.2014

For the correctness DE-7

Breeding selection report DE-7-176-4-2012-K

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Performance of the sisters

Amount of checked sisters: 11

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-7-45-752-2012	DE-7-45	1	108	44.3	103	2.4	97	2.3	97	2	94	122	
DE-7-45-751-2012	DE-7-45	2	108	12.8	96	2.6	98	2.6	96	1	87	125	
DE-7-176-4-2012-K	DE-7-45	2	115	32.8	111	3.2	109	2.5	110	3	108	114	
DE-7-176-1-2012	DE-7-176	2	119		109		108		108		113	122	
DE-7-176-5-2012	DE-7-176	2	103		90		104		104		109	104	
DE-7-176-8-2012	DE-7-176	2	113		118		98		99		98	120	
DE-7-176-85-2012-K	DE-7-176	2	122		108		115		114		115	123	
DE-7-176-88-2012	DE-7-176	2	109		101		101		100		97	118	
DE-7-45-760-2012	DE-7-177	1	130		128		122		122		118	123	
DE-7-45-774-2012-K	DE-15-10	2	113		106		109		110		111	111	
DE-7-45-775-2012-K	DE-15-10	2	118		110		110		109		110	120	