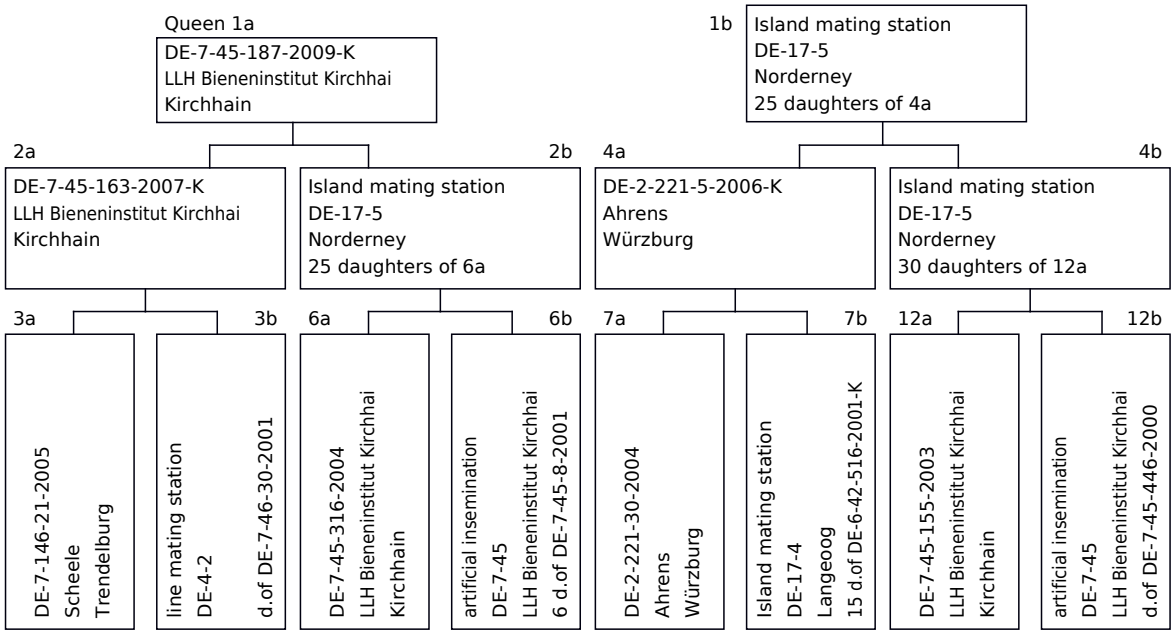
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-187-2009-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	Biedenbach, Hans-Georg, 36088 Hünfeld, DE-7-161, Apiary 1	
Breeder of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45	
1a Studbook number:	**DE-7-45-187-2009-K**	
		Daughters of
Race line: -1	Sign: green 76	Queen: 1.2%
Generation: 2	Hatch date: 24.05.2009	Workers: 1.1%

A. Pedigree



B. Own performance

	No. of the colony 50			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	76	118	2	13	64.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	127	
Honey yield	-	116	0.44
Defensive behavior	3.50	117	0.62
Steadiness on comb	3.50	114	0.65
Swarming drive	3.50	111	0.44
Varroa	-	129	0.54
Performance index	-	0	
Robustness in winter	3.50		
Development in Spring	3.50		
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

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.

06.05.2011

For the correctness DE-7

Breeding selection report DE-7-45-187-2009-K

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Performance of the sisters

Amount of checked sisters: 6

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-7-45-781-2009	DE-6-111	1	109		107		107		101		105	113	
DE-7-45-177-2009	DE-7-45	2	111		98		109		107		96	118	
DE-7-45-185-2009	DE-7-45	3	113		95		112		110		116	114	
DE-7-45-184-2009	DE-7-45	4	110		88		104		101		91	125	
DE-7-45-738-2009-K	DE-7-45	4	106		114		111		112		107	95	
DE-7-45-187-2009-K	DE-7-161	1	127	76	116	3.5	117	3.5	114	3.5	111	129	