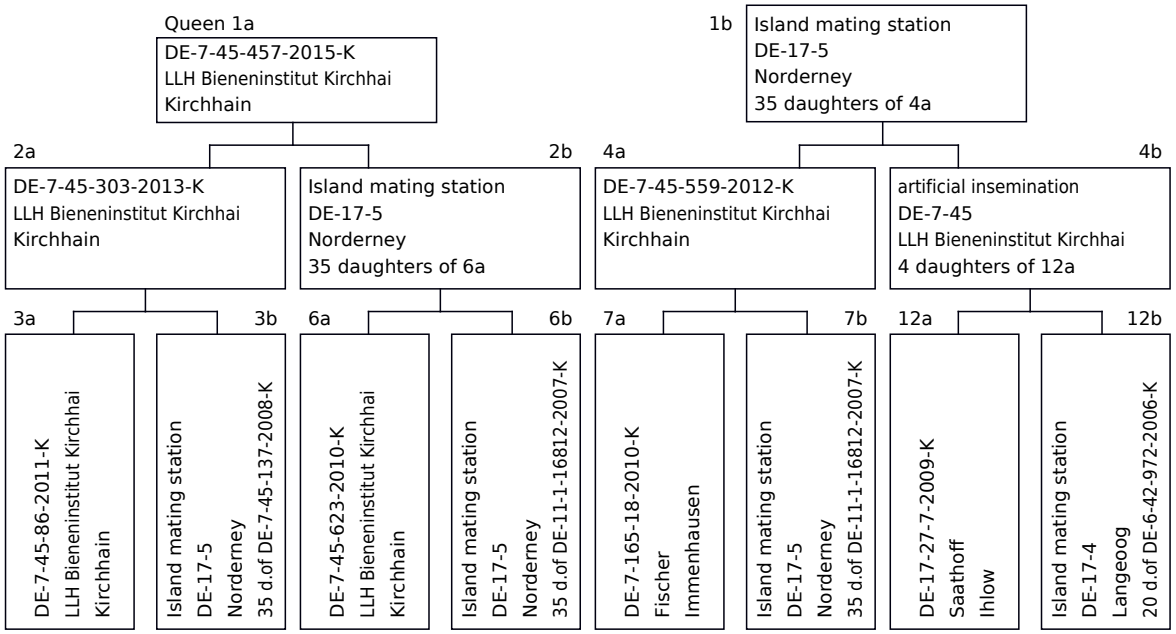
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-457-2015-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 1	
Breeder of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45	
1a Studbook number:	**DE-7-45-457-2015-K**	
		Daughters of
Race line: -1	Sign: blue 59-	Queen: 3.3%
Generation: 6	Hatch date: 08.06.2015	Workers: 3.0%

A. Pedigree



B. Own performance

	No. of the colony 84			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	37.6	117.7	8	19	31.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	121	
Honey yield	-	111	0.44
Defensive behavior	3.20	115	0.65
Steadiness on comb	2.60	113	0.67
Swarming drive	4.00	131	0.44
Varroa	-	115	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

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.

28.03.2017

For the correctness DE-7

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Performance of the sisters

Amount of checked sisters: 5

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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-7-45-444-2015	DE-2-283	1	90		89		94		91		109	85	
DE-7-45-457-2015-K	DE-7-45	1	121	37.6	111	3.2	115	2.6	113	4.0	131	115	
DE-7-45-458-2015-K	DE-7-45	3	111	46.6	113	3.0	110	2.6	110	2.0	114	103	
DE-7-45-447-2015-K	DE-7-45	4	114	52.1	108	2.7	102	2.4	100	3.0	113	118	
DE-7-45-445-2015	DE-7-175	1	107		100		108		107		114	103	