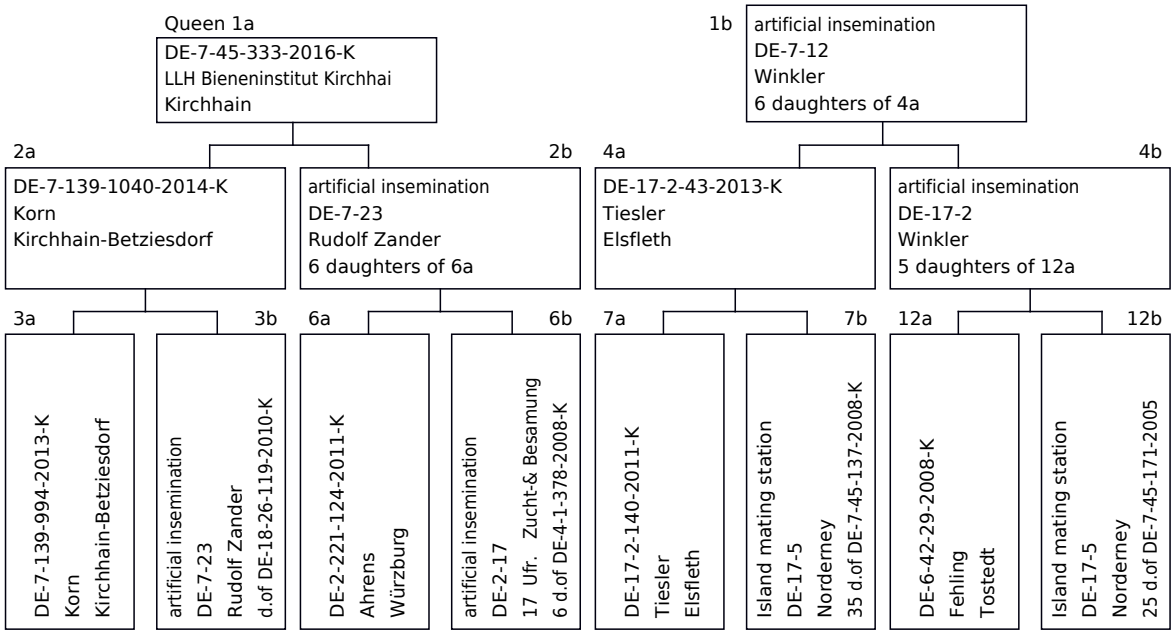
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-333-2016-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 3	
Breeder of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45	
1a Studbook number:	**DE-7-45-333-2016-K**	
		Daughters of
Race line: -1	Sign: white 63-	Queen: 0.7%
Generation: 1	Hatch date: 06.06.2016	Workers: 0.8%

A. Pedigree



B. Own performance

	No. of the colony 251			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	75	132.6	4	19	56.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	135	
Honey yield	-	116	0.4
Defensive behavior	3.20	136	0.63
Steadiness on comb	2.90	137	0.63
Swarming drive	4.00	123	0.37
Varroa	-	120	0.32
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.

16.04.2018

For the correctness DE-7

Breeding selection report DE-7-45-333-2016-K

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Performance of the sisters

Amount of checked sisters: 10

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-7-45-332-2016	DE-7-45	1	110	49.5	107	2.8	119	2.4	114	3.0	97	106	
DE-7-177-15-2016	DE-7-45	1	106	65.5	119	2.3	95	2.3	97	3.0	96	109	
DE-7-45-333-2016-K	DE-7-45	3	135	75	116	3.2	136	2.9	137	4.0	123	120	
DE-7-177-14-2016-K	DE-7-45	3	124	83.4	122	3.0	120	2.6	119	3.0	107	118	
DE-7-45-329-2016	DE-7-45	4	101	71.5	115	2.6	90	2.0	86	3.0	100	106	
DE-7-177-13-2016	DE-7-176	1	126		116		119		123		109	122	
DE-7-177-4-2016	DE-7-177	1	116		115		100		102		90	130	
DE-7-177-5-2016	DE-7-177	1	106		102		89		94		99	120	
DE-7-177-7-2016	DE-7-177	1	116		110		114		111		116	108	
DE-7-177-10-2016	DE-7-177	1	108		105		124		126		80	100	