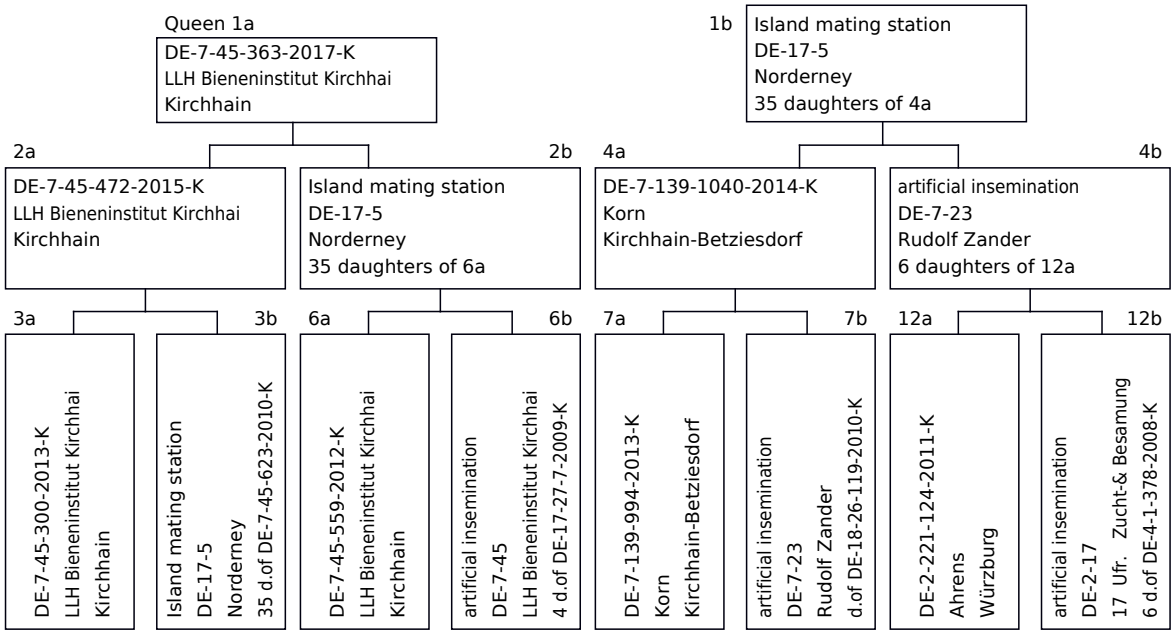
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-363-2017-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-7-45-363-2017-K**	
		Daughters of
Race line: -1	Sign: yellow 59-	Queen: 2.9%
Generation: 7	Hatch date: 29.05.2017	Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony 284			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	64.7	109.4	7	16	59.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	120	
Honey yield	-	111	0.42
Defensive behavior	2.70	107	0.63
Steadiness on comb	2.60	106	0.64
Swarming drive	3	106	0.39
Varroa	-	128	0.37
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.

21.01.2020

For the correctness DE-7

Breeding selection report DE-7-45-363-2017-K

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Performance of the sisters

Amount of checked sisters: 12

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-7-45-365-2017	DE-7-45	1	119	15.0	86	3.3	124	2.4	116	4.0	116	118	
DE-7-45-363-2017-K	DE-7-45	3	120	64.7	111	2.7	107	2.6	106	3	106	128	
DE-7-45-366-2017	DE-7-181	2	121		108		130		127		119	103	
DE-7-189-115-2017	DE-7-322	1	90		91		96		93		99	87	94
DE-7-189-119-2017	DE-7-322	1	121		106		119		117		113	118	
DE-7-45-368-2017	DE-7-325	1	127		106		123		119		132	119	
DE-11-13-72-2017	DE-11-13	1	94		88		98		96		96	(95)	93
DE-7-45-367-2017	DE-13-377	1	115		99		116		112		118	109	
DE-7-189-104-2017	DE-13-377	1	118		106		116		113		113	116	
DE-7-189-110-2017	DE-13-377	1	106		94		117		114		118	92	
DE-18-38-2717-2017	DE-18-38	1	109		102		110		106		107	107*	
DE-18-38-3217-2017**	DE-18-38	1	116		(106)		(113)		(110)		(113)	(114)	

Only one Varroa trait was recorded

Colony without performance tests