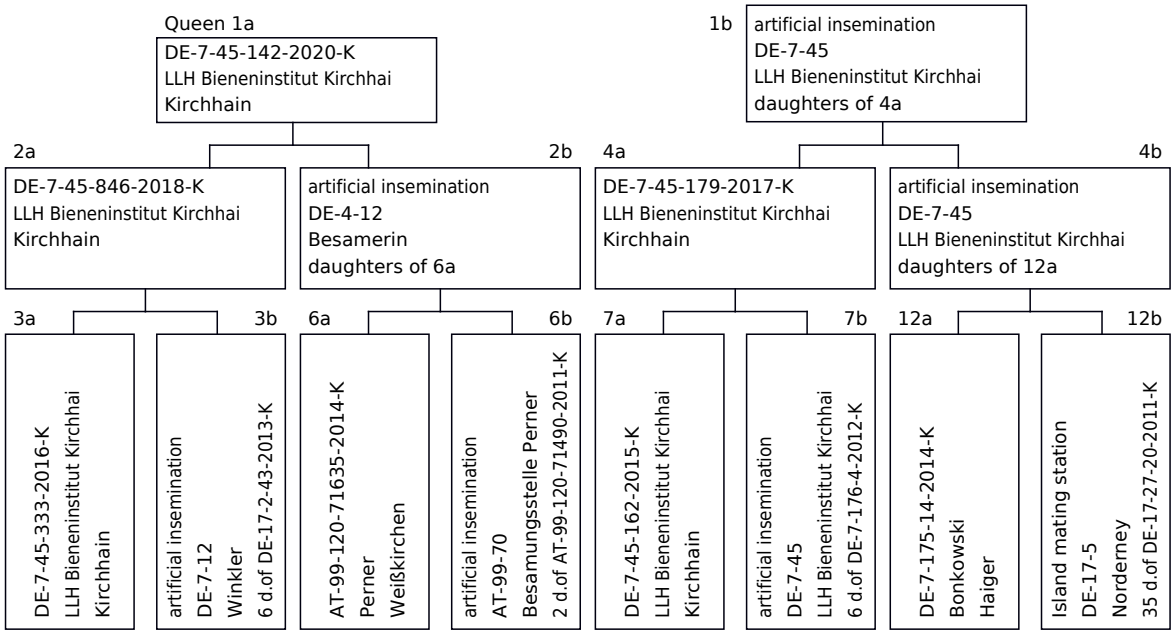
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-142-2020-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 4	
Breeder of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45	
1a Studbook number:	**DE-7-45-142-2020-K**	
		Daughters of
Race line: -Carnica	Sign: blue 3-6	Queen: 0.5%
Generation: 3	Hatch date: 18.05.2020	Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony 265			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	44.5	117.9	7	17	37.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	116	
Honey yield	-	113	0.44
Defensive behavior	3.20	115	0.55
Steadiness on comb	2.70	118	0.54
Swarming drive	3	115	0.49
Varroa	-	108	0.51
Performance index	-	118	0.44
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.

04.04.2022

For the correctness DE-7

Breeding selection report DE-7-45-142-2020-K

Page 2

Performance of the sisters

Amount of checked sisters: 8

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-7-45-159-2020	DE-2-729	3	113		112		110		114		114	(107)	114
DE-7-45-398-2020	DE-2-729	3	114		114		110		112		114	(107)	115
DE-7-45-138-2020-K	DE-7-45	1	111	35.1	115	2.7	107	2.2	110	3	108	106	111
DE-7-45-143-2020-K	DE-7-45	1	112	42.5	118	2.4	105	2.2	109	4	114	106	113
DE-7-45-137-2020-K	DE-7-45	3	116	53.2	117	2.9	111	2.5	114	4	116	108	117
DE-7-45-139-2020-K	DE-7-45	3	112	50.5	116	2.4	107	2.4	112	4	116	104	115
DE-7-45-142-2020-K	DE-7-45	4	116	44.5	113	3.2	115	2.7	118	3	115	108	118
DE-7-45-140-2020-K	DE-7-189	1	113		108		111		114		(114)	106*	113

Only one Varroa trait was recorded