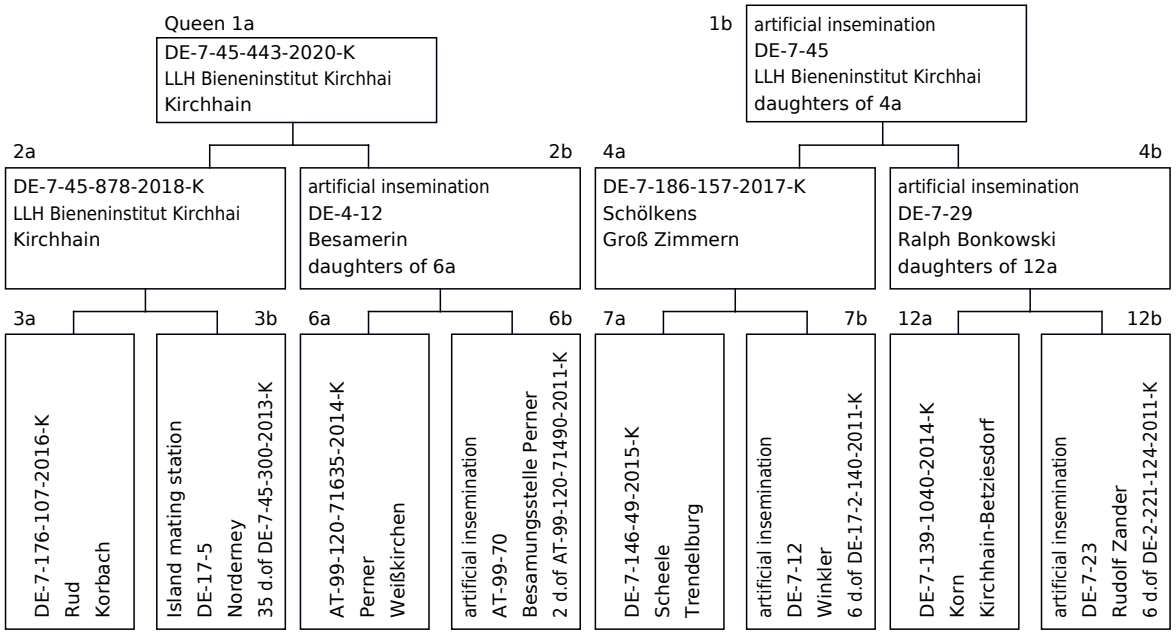
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-443-2020-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-7-45-443-2020-K**	
		Daughters of
Race line: -Carnica	Sign: blue 48-7	Queen: 0.7%
Generation: 2	Hatch date: 02.06.2020	Workers: 1.2%

A. Pedigree



B. Own performance

	No. of the colony 278			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	47.6	126.1	4	17	37.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	115	
Honey yield	-	112	0.43
Defensive behavior	2.50	113	0.54
Steadiness on comb	2.30	109	0.53
Swarming drive	4	115	0.49
Varroa	-	111	0.5
Performance index	-	114	0.43
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-7-45-443-2020-K

Page 2

Performance of the sisters

Amount of checked sisters: 7

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-7-45-448-2020-K	DE-2-147	1	116		111		120		115		110	(110)	116
DE-7-45-446-2020-K	DE-7-45	1	116	23.6	111	3	117	2.6	113	4	110	112	115
DE-7-45-449-2020	DE-7-45	1	113	12.6	108	2.7	113	2.2	109	4	109	111	111
DE-7-45-439-2020	DE-7-45	3	113	34.1	110	2.7	115	2.5	112	4	111	106	114
DE-7-45-442-2020	DE-7-45	3	115	23.5	107	3	117	2.4	112	4	112	111	114
DE-7-45-443-2020-K	DE-7-45	4	115	47.6	112	2.5	113	2.3	109	4	115	111	114
DE-7-45-447-2020	DE-7-45	4	120	43.5	111	3.2	121	2.8	117	4	116	113	119