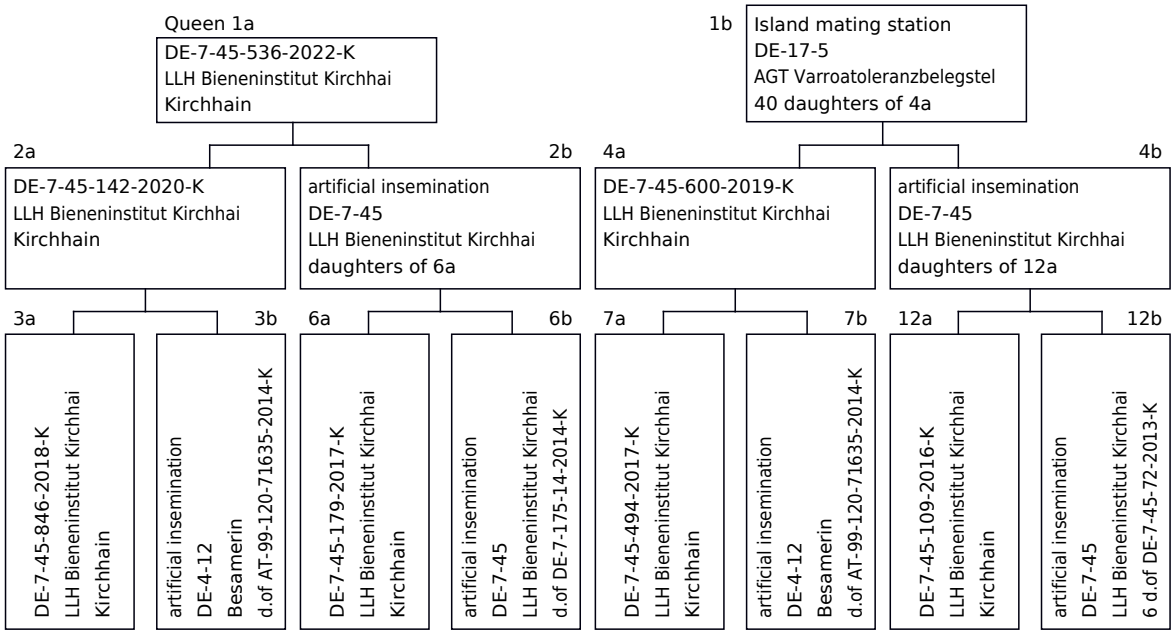
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-536-2022-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-7-45-536-2022-K**	
		Daughters of
Race line: -Carnica	Sign: yellow 14-1	Queen: 1.7%
Generation: 4	Hatch date: 14.06.2022	Workers: 4.4%

A. Pedigree



B. Own performance

	No. of the colony 297			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	77.5	121.7	6	20	63.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	118	
Honey yield	-	105	0.48
Defensive behavior	3.30	111	0.57
Steadiness on comb	2.80	108	0.57
Swarming drive	4	132	0.53
Varroa	-	112	0.54
Performance index	-	117	0.48
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.

18.04.2024

For the correctness DE-7

Breeding selection report DE-7-45-536-2022-K

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Performance of the sisters

Amount of checked sisters: 6

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-7-45-537-2022	DE-2-221	1	112		101		106		102		126	109	110
DE-7-45-533-2022-K	DE-7-45	1	110	50.7	102	2.4	103	2.3	101	4	124	106	109
DE-7-45-535-2022-K	DE-7-45	3	114	59.7	104	3.1	111	2.9	110	3	121	109	113
DE-7-45-534-2022-K	DE-7-45	4	114	39.5	100	3.2	110	2.7	107	4	131	107	114
DE-7-45-536-2022-K	DE-7-45	4	118	77.5	105	3.3	111	2.8	108	4	132	112	117
DE-7-45-538-2022	DE-7-165	2	114		99		108		106		125	112	111