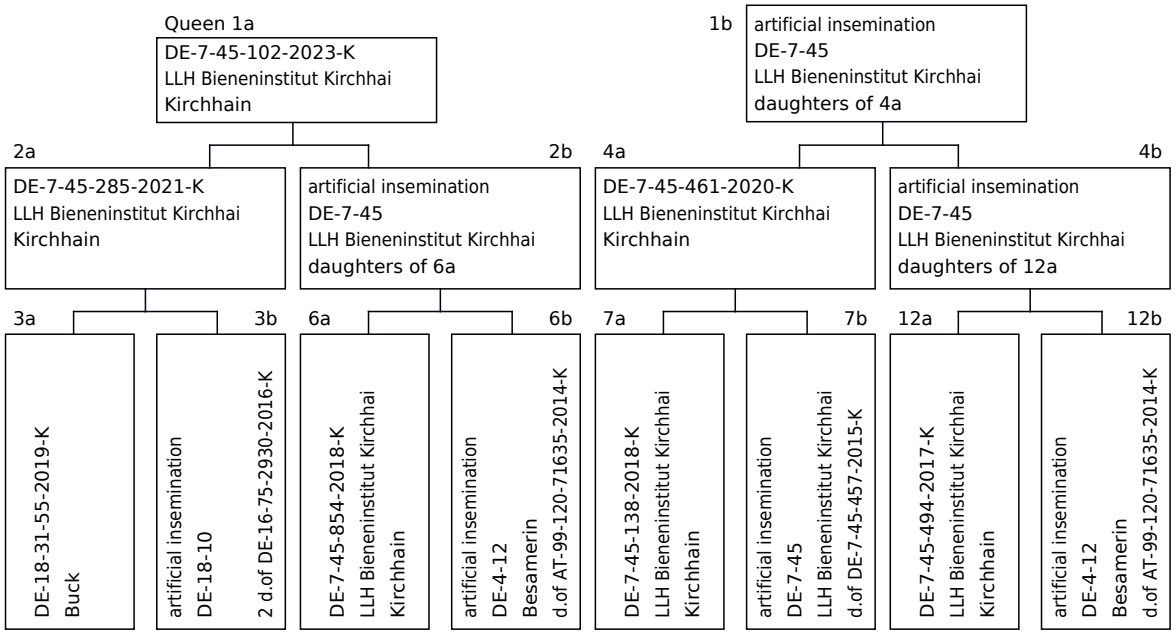
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-102-2023-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-7-45-102-2023-K**	
		Daughters of
Race line: -Carnica	Sign: red 63-10	Queen: 2.0%
Generation: 2	Hatch date: 22.05.2023	Workers: 4.0%

A. Pedigree



B. Own performance

	No. of the colony 230			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	49	124.9	9	18	39.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	111	
Honey yield	-	101	0.45
Defensive behavior	2.70	103	0.57
Steadiness on comb	2.80	103	0.59
Swarming drive	4	119	0.46
Varroa	-	110	0.51
Performance index	-	108	0.45
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.

24.03.2025

For the correctness DE-7

Breeding selection report DE-7-45-102-2023-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-7-45-104-2023-K	DE-7-45	1	106	33.5	102	2.6	99	2.3	98	4	119	104	105
DE-7-45-117-2023	DE-7-45	1	107	32.8	103	3.5	110	3	108	4	119	97	112
DE-7-45-102-2023-K	DE-7-45	3	111	49	101	2.7	103	2.8	103	4	119	110	108
DE-7-45-103-2023	DE-7-45	3	108	44.1	101	2.9	104	2.6	102	4	119	104	108
DE-7-45-105-2023	DE-7-45	4	111	40.4	103	3.1	107	3	107	4	123	105	112
DE-7-45-123-2023	DE-7-166	2	108		100		103		102		117	106	107