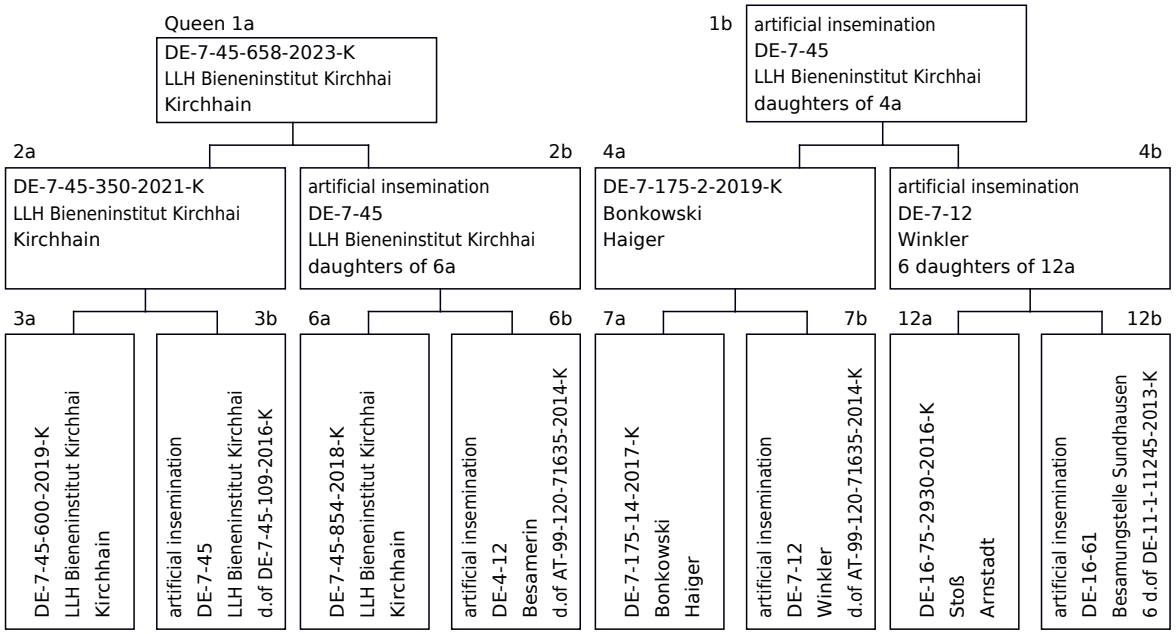
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-658-2023-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-7-45-658-2023-K**	
		Daughters of
Race line: -Carnica	Sign: red 81-6	Queen: 5.6%
Generation: 5	Hatch date: 19.06.2023	Workers: 4.2%

A. Pedigree



B. Own performance

	No. of the colony 321			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	60.2	176.3	2	20	34.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	120	
Honey yield	-	108	0.48
Defensive behavior	3.50	116	0.57
Steadiness on comb	3.20	112	0.57
Swarming drive	3	112	0.5
Varroa	-	119	0.52
Performance index	-	114	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

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-7-45-658-2023-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-7-45-651-2023	DE-7-45	1	117	39.5	107	3.4	114	3.2	112	4	114	115	114
DE-7-45-652-2023	DE-7-45	3	114	61.8	106	3.4	113	2.7	108	4	113	112	112
DE-7-45-657-2023	DE-7-45	3	114	0	104	3	110	2.8	107	4	113	(114)	110
DE-7-45-658-2023-K	DE-7-45	4	120	60.2	108	3.5	116	3.2	112	3	112	119	114
DE-7-45-650-2023	DE-7-320	1	113		100		111		108		111	112	109
DE-7-45-654-2023-K	DE-7-328	1	117		107		111		107		114	117	112
DE-7-45-653-2023	DE-18-26	3	103		96		96		96		107	106	99
DE-7-45-662-2023	DE-41-13	1	119		(106)		116		113		114	117*	115

Only one Varroa trait was recorded