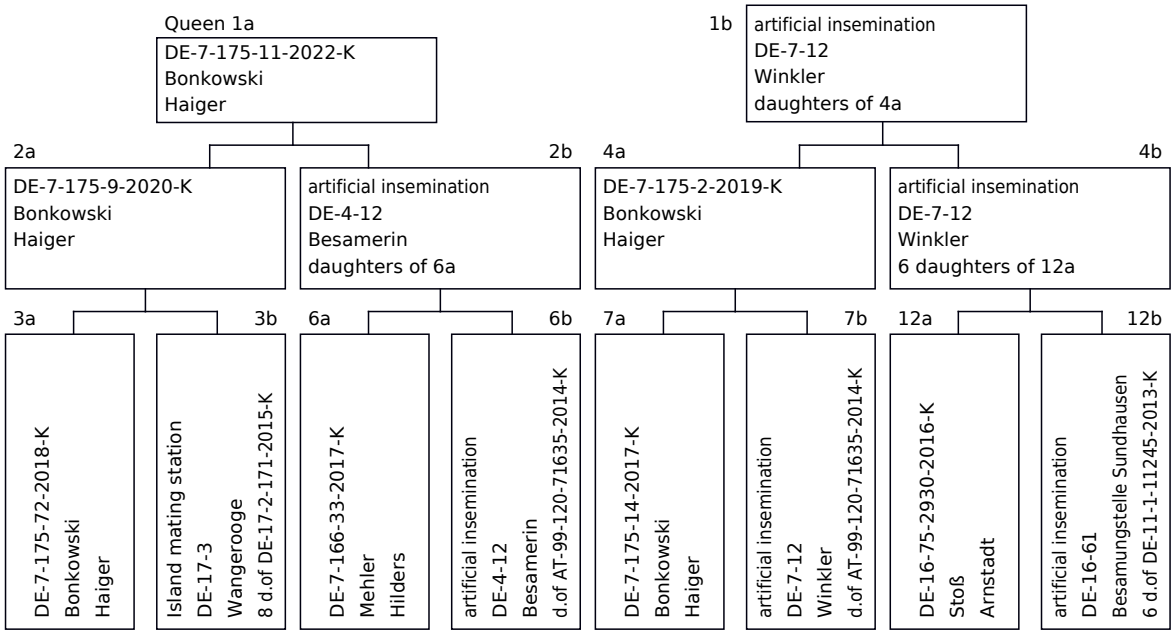
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-175-11-2022-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 3	
Breeder of the queen:	Bonkowski, Ralph, 35708 Haiger, DE-7-175	
1a Studbook number:	**DE-7-175-11-2022-K**	
		Daughters of
Race line: -Carnica	Sign: yellow 11/1	Queen: 1.7%
Generation: 10	Hatch date: 06.06.2022	Workers: 3.1%

A. Pedigree



B. Own performance

	No. of the colony 299			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	55.7	106.9	7	20	52.1

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	119	
Honey yield	-	110	0.43
Defensive behavior	3	118	0.54
Steadiness on comb	2.60	114	0.54
Swarming drive	4	117	0.47
Varroa	-	114	0.5
Performance index	-	118	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

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.

14.05.2024

For the correctness DE-7

Breeding selection report DE-7-175-11-2022-K

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Performance of the sisters

Amount of checked sisters: 9

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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-7-175-10-2022-K	DE-7-45	1	120	30.6	106	3.5	129	3	121	4	116	113	120
DE-7-175-11-2022-K	DE-7-45	3	119	55.7	110	3	118	2.6	114	4	117	114	118
DE-7-175-8-2022	DE-7-175	1	118		110		118		115		112	113	116
DE-7-175-9-2022	DE-7-175	1	116		107		116		113		111	112	114
DE-7-175-13-2022	DE-7-175	1	118		108		118		115		112	114	116
DE-7-175-7-2022	DE-7-175	2	116		110		115		113		112	112	115
DE-7-175-14-2022	DE-7-175	2	118		107		118		116		112	113	116
DE-7-175-15-2022	DE-7-175	2	115		107		115		112		111	111	113
DE-7-175-16-2022	DE-7-175	2	117		109		117		114		112	112	115