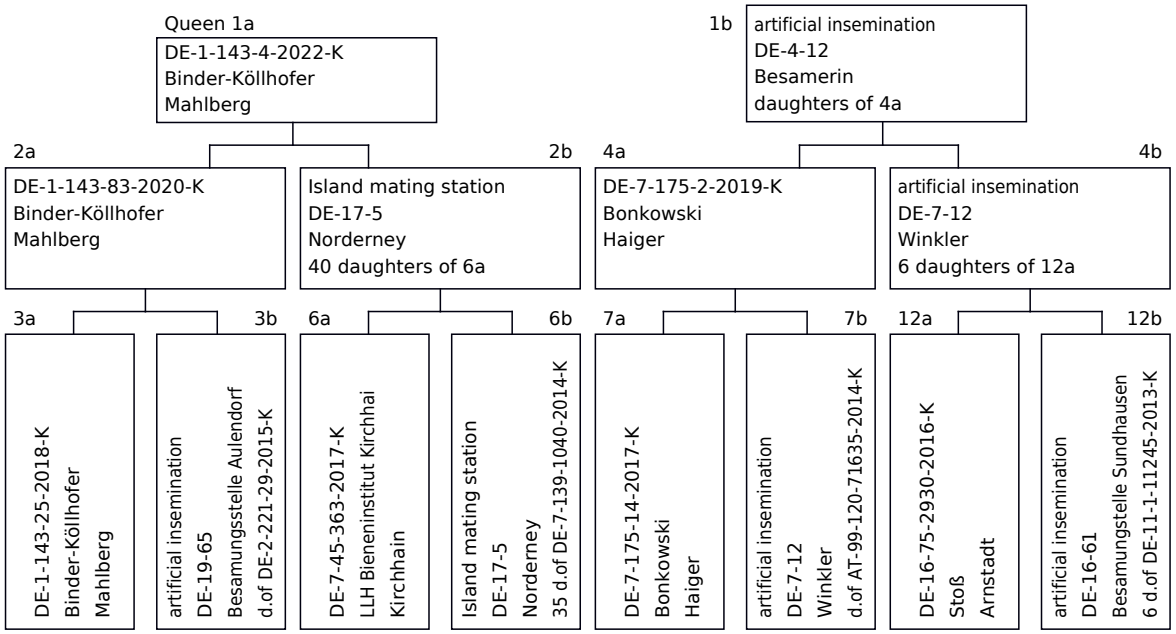
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-1-143-4-2022-K

Tester of the queen:	Binder-Köllhofer, Bruno, 77972 Mahlberg, DE-1-143, Apiary 1	
Breeder of the queen:	Binder-Köllhofer, Bruno, 77972 Mahlberg, DE-1-143	
1a Studbook number:	**DE-1-143-4-2022-K**	
		Daughters of
Race line: -Ca	Sign: yellow 4	Queen: 2.0%
Generation: 8	Hatch date: 04.06.2022	Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony 824			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	43.9	88.3	10	12	49.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	116	
Honey yield	-	102	0.39
Defensive behavior	3.50	109	0.49
Steadiness on comb	3.50	104	0.49
Swarming drive	4	111	0.45
Varroa	-	120	0.45
Performance index	-	108	0.39
Robustness in winter	2.50		
Development in Spring	2.50		
Colony strength	3		

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.

22.07.2024

For the correctness DE-1

Breeding selection report DE-1-143-4-2022-K

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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-1-143-1-2022	DE-1-42	1	112		105		104		100		105	116*	104
DE-1-143-2-2022	DE-1-42	1	107		(97)		104		99		90	(116)	97
DE-1-143-3-2022	DE-1-143	1	112	57.6	105	3.6	108	3.4	103	3.5	107	114	107
DE-1-143-4-2022-K	DE-1-143	1	116	43.9	102	3.5	109	3.5	104	4	111	120	108
DE-1-143-5-2022	DE-1-143	1	115	53.5	105	3.5	108	3.5	104	4	111	118	108
DE-1-143-10-2022	DE-1-143	1	115	25.6	96	3.4	109	3.5	104	4	111	120	106
DE-1-143-17-2022-K	DE-1-143	1	115	49.3	103	3.5	108	3.6	104	3.5	107	120	107
DE-1-143-28-2022	DE-1-143	1	115	63.1	108	3.4	108	3.6	105	4	111	116	109

Only one Varroa trait was recorded