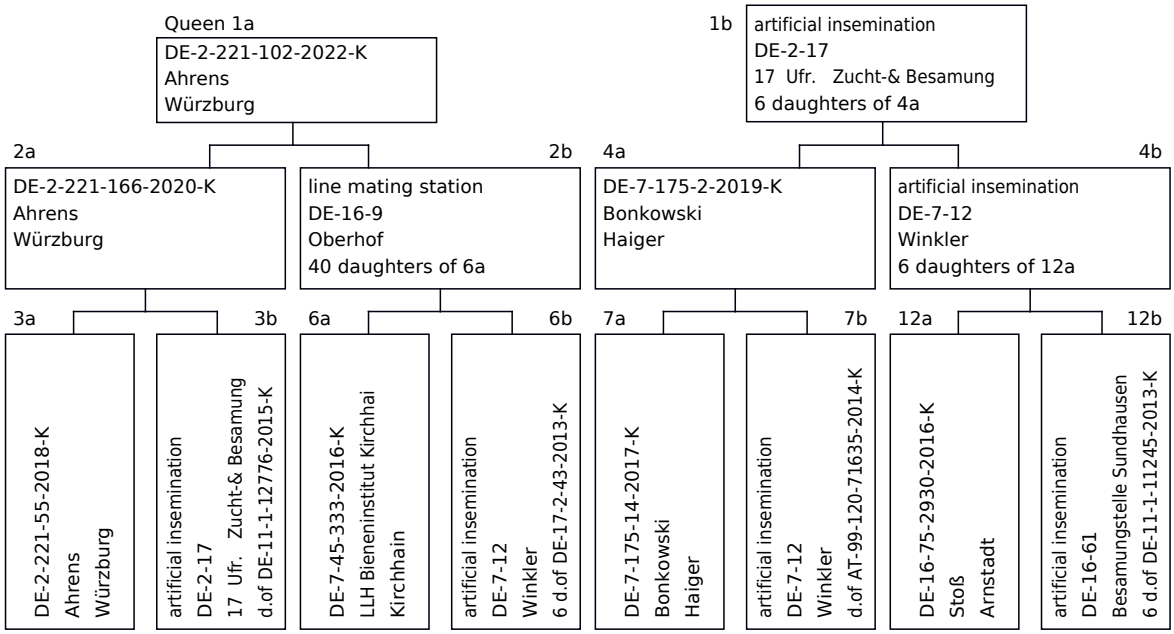
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-221-102-2022-K

LVBI

Tester of the queen:	Ahrens, Dirk, 97074 Würzburg, DE-2-221, Apiary 1	
Breeder of the queen:	Ahrens, Dirk, 97074 Würzburg, DE-2-221	
1a Studbook number:	**DE-2-221-102-2022-K**	
		Daughters of
Race line: -70	Sign: yellow 40	Queen: 1.7%
Generation: 11	Hatch date: 16.06.2022	Workers: 1.9%

A. Pedigree



B. Own performance

	No. of the colony 81			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	69.8	103.6	8	17	67.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	121	
Honey yield	-	111	0.4
Defensive behavior	3.60	122	0.51
Steadiness on comb	3.50	118	0.51
Swarming drive	4	119	0.45
Varroa	-	114	0.47
Performance index	-	121	0.4
Robustness in winter	3		
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.

25.04.2024

For the correctness DE-2

Breeding selection report DE-2-221-102-2022-K

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Performance of the sisters

Amount of checked sisters: 13

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-7-211-1-2023	DE-7-45	3	119		113		116		115		114	121	111
DE-7-211-2-2023-K	DE-7-327	2	123		117		116		115		121	117	121
DE-2-221-100-2022	DE-2-221	1	120	55.6	107	3.8	123	3.6	119	3	112	115*	118
DE-2-221-101-2022**	DE-2-221	1	118		(110)		(118)		(115)		(114)	(113)	117
DE-2-221-102-2022-K	DE-2-221	1	121	69.8	111	3.6	122	3.5	118	4	119	114	121
DE-2-221-103-2022	DE-2-221	1	119	84.5	113	3.5	118	3.1	113	4	118	112	119
DE-2-221-95-2022	DE-2-335	1	120		113		121		117		115	113*	120
DE-2-221-94-2022-K	DE-7-166	2	119		112		118		115		113	113	117
DE-2-221-96-2022	DE-7-166	2	117		106		119		115		113	112	116
DE-2-221-84-2022	DE-20-241	3	116		104		117		113		112	113	114
DE-2-221-86-2022	DE-20-241	3	118		108		118		114		113	113	116
DE-2-221-93-2022	DE-20-241	3	119		112		119		115		114	113	118
DE-2-221-98-2022	DE-20-241	3	118		112		119		115		114	112	118

Only one Varroa trait was recorded

Colony without performance tests