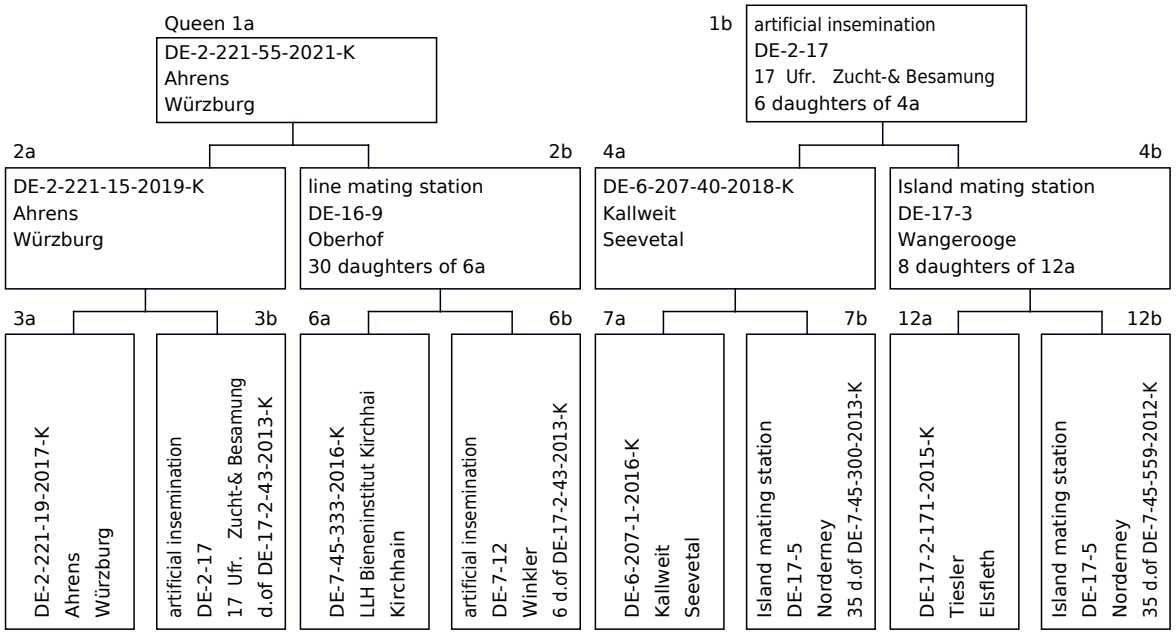
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-221-55-2021-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-2-221-55-2021-K**	
		Daughters of
Race line: -70	Sign: white 18	Queen: 7.0%
Generation: 11	Hatch date: 25.05.2021	Workers: 2.6%

A. Pedigree



B. Own performance

	No. of the colony 15			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	71.8	140	1	15	51.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	120	
Honey yield	-	114	0.45
Defensive behavior	3.40	120	0.54
Steadiness on comb	3.30	116	0.54
Swarming drive	4	119	0.49
Varroa	-	114	0.51
Performance index	-	120	0.45
Robustness in winter	3		
Development in Spring	3		
Colony strength	4		

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.

21.04.2023

For the correctness DE-2

Breeding selection report DE-2-221-55-2021-K

Page 2

Performance of the sisters

Amount of checked sisters: 11

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-2-221-43-2021	DE-2-221	1	118	38.7	107	3	116	3.3	114	2.5	109	118	113
DE-2-221-46-2021	DE-2-221	1	113	51.2	105	3.3	115	2.8	110	1	99	115	108
DE-2-221-47-2021	DE-2-221	1	111	39.1	104	3.1	115	2.9	111	2.5	108	106	111
DE-2-221-55-2021-K	DE-2-221	1	120	71.8	114	3.4	120	3.3	116	4	119	114	120
DE-2-221-42-2021-K	DE-2-221	2	117	63.8	112	3.5	118	3.4	115	2.5	110	112	116
DE-2-221-50-2021	DE-2-221	2	117	27.2	104	3.8	123	3.3	117	4	120	109	118
DE-2-221-38-2021-K	DE-2-723	1	116		109		120		115		112	110	116
DE-2-221-45-2021-K	DE-2-723	1	115		103		121		116		111	110	115
DE-2-221-41-2021	DE-7-194	2	118		112		121		119		113	111	118
DE-2-221-44-2021	DE-7-194	2	116		105		119		116		111	111	115
DE-2-221-52-2021	DE-19-183	2	104		96		109		105		98	(104)	103