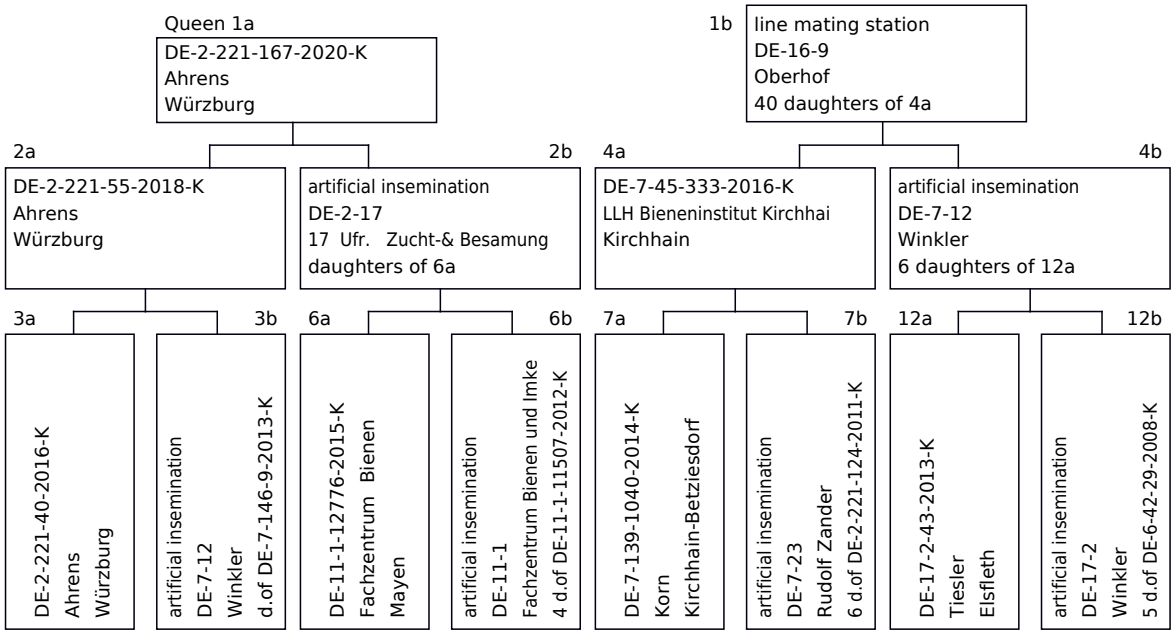
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-221-167-2020-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-2-221-167-2020-K**	
		Daughters of
Race line: -70	Sign: blue 55	Queen: 1.5%
Generation: 4	Hatch date: 09.06.2020	Workers: 1.7%

A. Pedigree



B. Own performance

	No. of the colony 105			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	36.1	125.5	3	19	28.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	116	0.47
Defensive behavior	2.80	109	0.56
Steadiness on comb	3	107	0.55
Swarming drive	4	114	0.51
Varroa	-	116	0.53
Performance index	-	113	0.47
Robustness in winter	3.50		
Development in Spring	3		
Colony strength	2.50		

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.

04.05.2022

For the correctness DE-2

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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 inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-2-221-144-2020-K	DE-2-221	1	119	33.6	115	3.3	113	3.4	112	4	115	114	117
DE-2-221-166-2020-K	DE-2-221	1	119	44.7	119	3.2	112	3.1	109	4	115	117	116
DE-2-221-167-2020-K	DE-2-221	1	117	36.1	116	2.8	109	3	107	4	114	116	113
DE-2-221-168-2020	DE-2-221	1	115	32.3	115	3.1	113	3.3	111	4	115	109	115
DE-2-221-169-2020	DE-2-221	1	114	19.7	110	3.3	112	3	108	2	103	115*	109
DE-2-221-153-2020	DE-7-165	2	110		103		112		109		97	110	106
DE-2-221-155-2020	DE-7-165	2	116		109		114		110		115	112	114
DE-2-221-151-2020	DE-7-189	1	117		112		114		111		(112)	114*	114
DE-2-221-152-2020-K	DE-7-189	1	117		112		114		111		(112)	114*	114

Only one Varroa trait was recorded