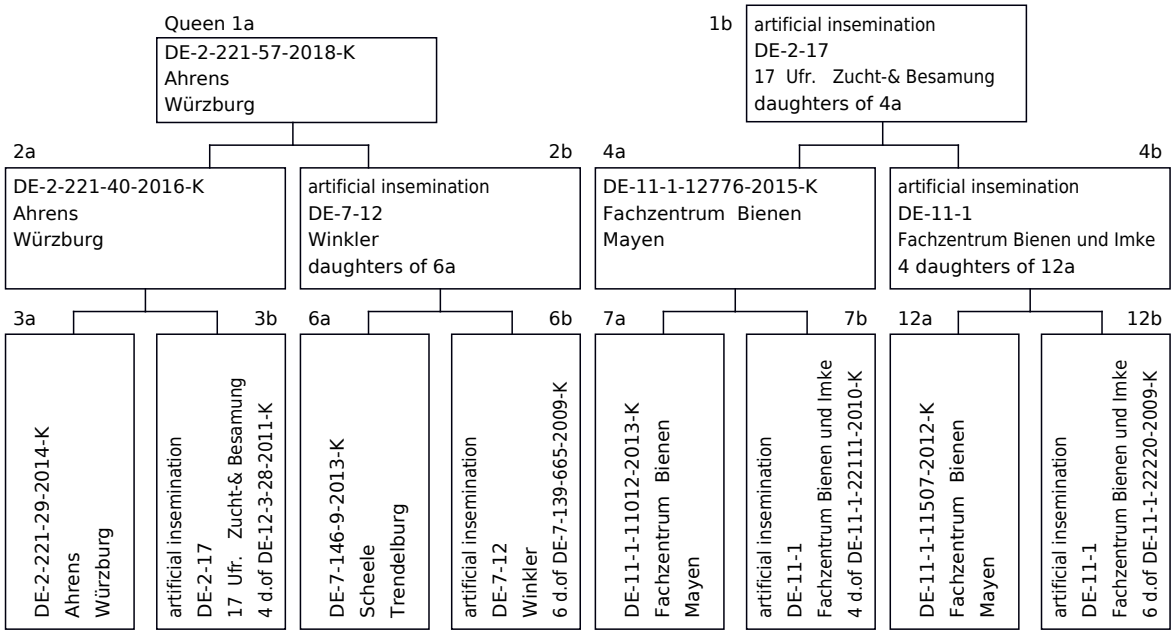
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-221-57-2018-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-2-221-57-2018-K**	
		Daughters of
Race line: -70	Sign: red 47	Queen: 1.1%
Generation: 3	Hatch date: 07.06.2018	Workers: 1.5%

A. Pedigree



B. Own performance

	No. of the colony 4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	41.1	119	3	17	34.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	122	
Honey yield	-	113	0.39
Defensive behavior	3.80	109	0.52
Steadiness on comb	3.50	104	0.52
Swarming drive	4	116	0.39
Varroa	-	125	0.27
Performance index	-	111	0.44
Robustness in winter	4		
Development in Spring	4		
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.

22.04.2020

For the correctness DE-2

Breeding selection report DE-2-221-57-2018-K

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Performance of the sisters

Amount of checked sisters: 7

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-2-221-52-2018	DE-2-221	1	116	32.9	108	3.6	106	3.3	102	4	115	118	108
DE-2-221-53-2018-K	DE-2-221	1	122	41.1	113	3.6	107	3.5	104	4	116	125	111
DE-2-221-55-2018-K	DE-2-221	1	121	33.6	109	3.7	108	3.5	104	4	116	125	110
DE-2-221-57-2018-K	DE-2-221	1	122	41.1	113	3.8	109	3.5	104	4	116	125	111
DE-2-221-58-2018-K	DE-2-221	1	117	36.4	110	3.5	105	3.3	101	4	115	119	108
DE-2-221-50-2018	DE-7-175	1	120		106		107		104		114	124	108
DE-2-221-56-2018	DE-7-175	1	117		112		107		105		115	117	110