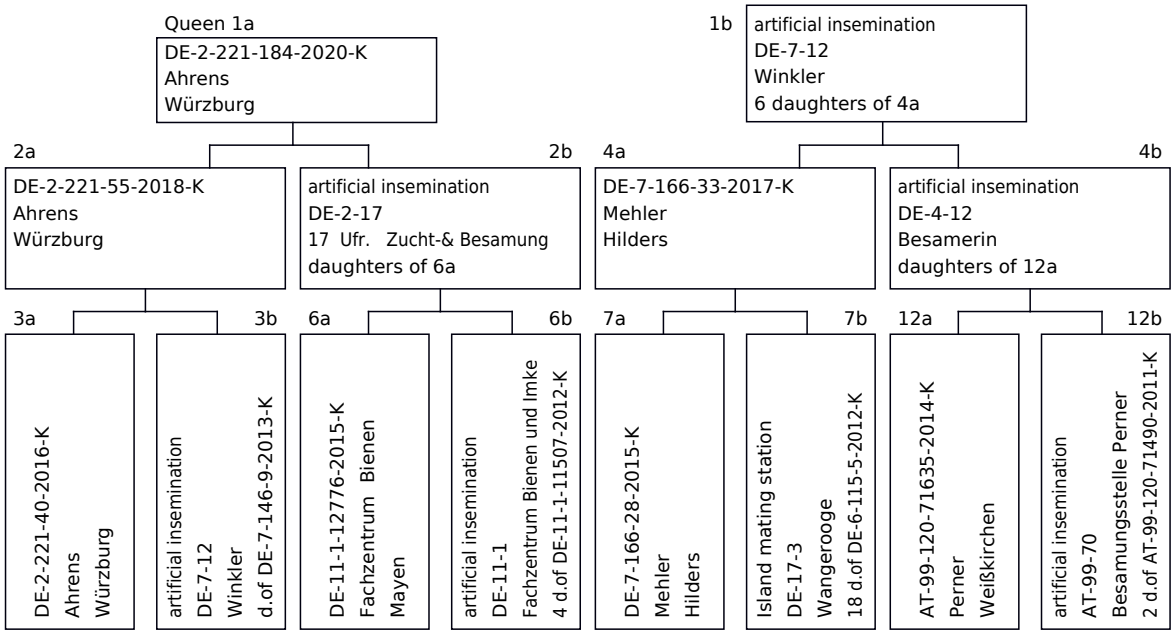
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-2-221-184-2020-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-2-221-184-2020-K**	
		Daughters of
Race line: -70	Sign: blue 72	Queen: 1.5%
Generation: 4	Hatch date: 10.06.2020	Workers: 0.9%

A. Pedigree



B. Own performance

	No. of the colony 66			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	34.7	120.6	6	19	28.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	122	
Honey yield	-	115	0.43
Defensive behavior	3	115	0.53
Steadiness on comb	3.20	114	0.53
Swarming drive	4	113	0.48
Varroa	-	121	0.5
Performance index	-	117	0.43
Robustness in winter	2.50		
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

Breeding selection report DE-2-221-184-2020-K

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Performance of the sisters

Amount of checked sisters: 10

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-2-221-174-2020	DE-2-221	1	116	37.6	113	3.1	113	2.8	110	2	99	118	110
DE-2-221-176-2020	DE-2-221	1	122	26.7	111	3.2	117	3.1	114	3.5	109	123	115
DE-2-221-183-2020-K	DE-2-221	1	125	26.8	112	3.5	122	3.6	120	4	114	122	120
DE-2-221-184-2020-K	DE-2-221	1	122	34.7	115	3	115	3.2	114	4	113	121	117
DE-2-221-179-2020	DE-2-221	3	120	50.8	114	3.8	117	3.6	115	4	109	118	116
DE-2-221-181-2020	DE-7-161	1	121		116		118		117		108	118	117
DE-2-221-182-2020	DE-7-161	1	120		109		120		118		108	118	116
DE-2-221-172-2020	DE-20-241	1	120		112		117		116		109	119*	115
DE-2-221-185-2020	DE-20-241	1	120		113		117		116		109	118	116
DE-2-221-186-2020-K	DE-20-241	1	121		113		118		116		109	119	116

Only one Varroa trait was recorded