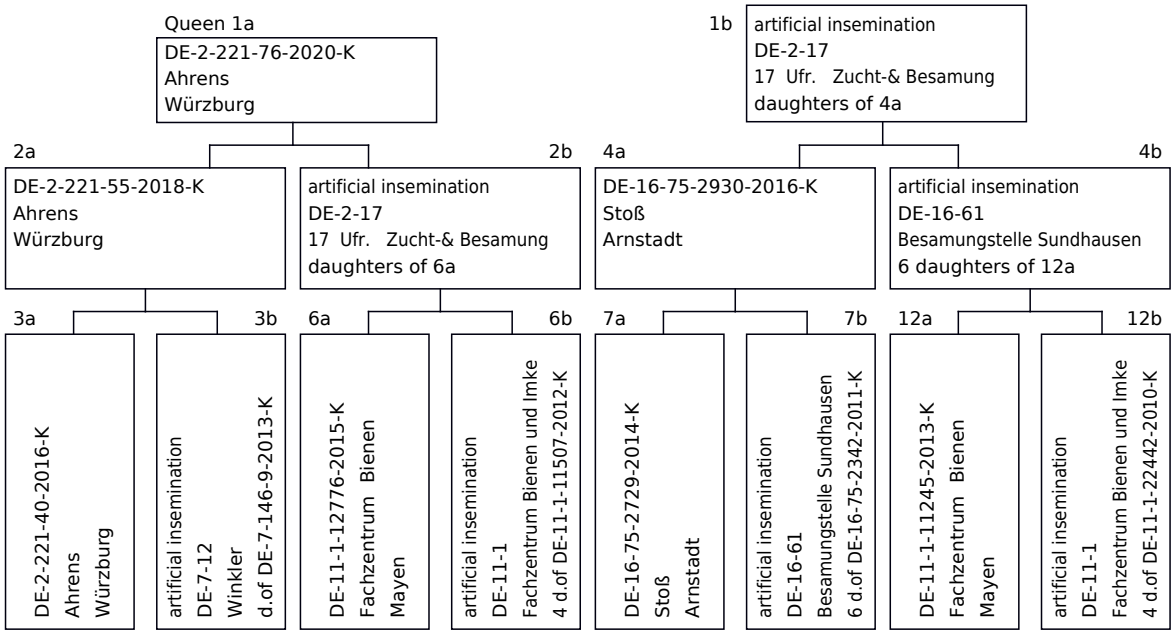
Breeding selection report
DE-2-221-76-2020-K

DEUTSCHER IMKERBUND E.V.

LVBI

Tester of the queen:	Reitberger †, Franz, 84389 Postmünster, DE-2-147, Apiary 1	
Breeder of the queen:	Ahrens, Dirk, 97074 Würzburg, DE-2-221	
1a Studbook number:	**DE-2-221-76-2020-K**	
		Daughters of
Race line: -70	Sign: blue	Queen: 1.5%
Generation: 4	Hatch date:	Workers: 3.4%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	31.5	117.4	3	17	26.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	118	
Honey yield	-	113	0.46
Defensive behavior	3.50	121	0.56
Steadiness on comb	4	121	0.56
Swarming drive	4	105	0.5
Varroa	-	(112)	0.44
Performance index	-	117	0.46
Robustness in winter			
Development in Spring			
Colony strength			

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 A
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

04.05.2022

For the correctness DE-2

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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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-2-221-74-2020	DE-2-147	1	117	28	110	4	123	3.5	118	4	105	(112)	116
DE-2-221-76-2020-K	DE-2-147	1	118	31.5	113	3.5	121	4	121	4	105	(112)	117
DE-2-221-73-2020	DE-2-147	2	116	30	110	3.5	119	4	117	4	104	(112)	114
DE-2-221-75-2020	DE-2-221	1	109		108		116		113		89	106	108
DE-2-221-80-2020	DE-2-221	1	118		108		120		118		109	114	116
DE-2-221-83-2020	DE-2-221	1	119		110		122		119		103	116*	116
DE-2-221-84-2020	DE-2-221	1	117		108		123		120		103	111	115
DE-2-221-90-2020-K	DE-2-221	1	113		113		112		112		108	108	113
DE-2-221-87-2020	DE-2-221	3	115		110		118		115		103	112	113
DE-2-221-86-2020	DE-7-175	1	115		106		119		117		103	112	113

Only one Varroa trait was recorded