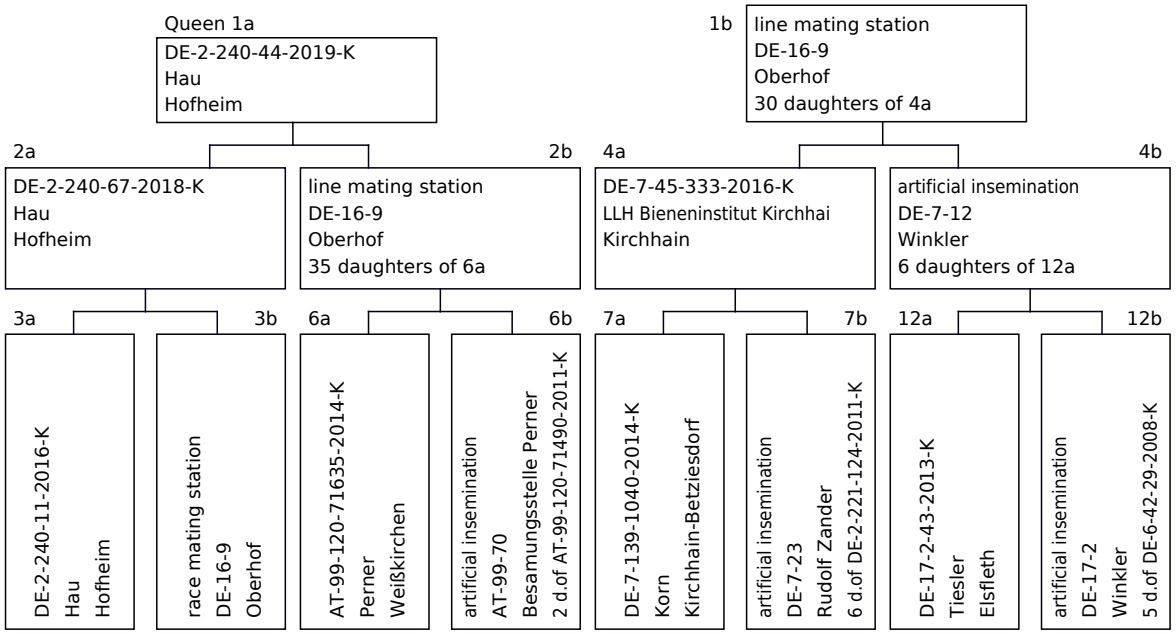
Breeding selection report
DE-2-240-44-2019-K

DEUTSCHER IMKERBUND E.V.

LVBI

Tester of the queen:	Thein, Thomas, 96486 Lautertal, DE-2-752, Apiary 1	
Breeder of the queen:	Hau, Renate, 97461 Hofheim, DE-2-240	
1a Studbook number:	**DE-2-240-44-2019-K**	
		Daughters of
Race line: -CA	Sign: green 44	Queen: 0.8%
Generation: 3	Hatch date: 19.06.2019	Workers: 1.2%

A. Pedigree



B. Own performance

	No. of the colony 150			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	2.5	27.7	12	13	9.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	124	
Honey yield	-	111	0.45
Defensive behavior	3.83	123	0.53
Steadiness on comb	3.80	122	0.53
Swarming drive	3	114	0.45
Varroa	-	120	0.48
Performance index	-	120	0.45
Robustness in winter	4		
Development in Spring	2.50		
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.

11.05.2021

For the correctness DE-2

Breeding selection report DE-2-240-44-2019-K

Page 2

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-2-284-4-2020-K	DE-2-128	1	109		112		109		111		110	102	112
DE-2-284-5-2020**	DE-2-128	1	109		(109)		(109)		(110)		(108)	(103)	110
DE-2-284-6-2020	DE-2-211	3	110		112		109		111		111	101	112
DE-2-240-40-2019**	DE-2-319	1	119		(115)		(118)		(118)		(112)	(113)	118
DE-2-240-46-2019	DE-2-319	1	116		115		116		116		111	109	117
DE-2-240-44-2019-K	DE-2-752	1	124	2.5	111	3.8	123	3.8	122	3	114	120	120
DE-2-240-47-2019-K	DE-2-752	1	118	9.9	114	3.4	118	3.6	118	1	104	114*	115

Only one Varroa trait was recorded

Colony without performance tests