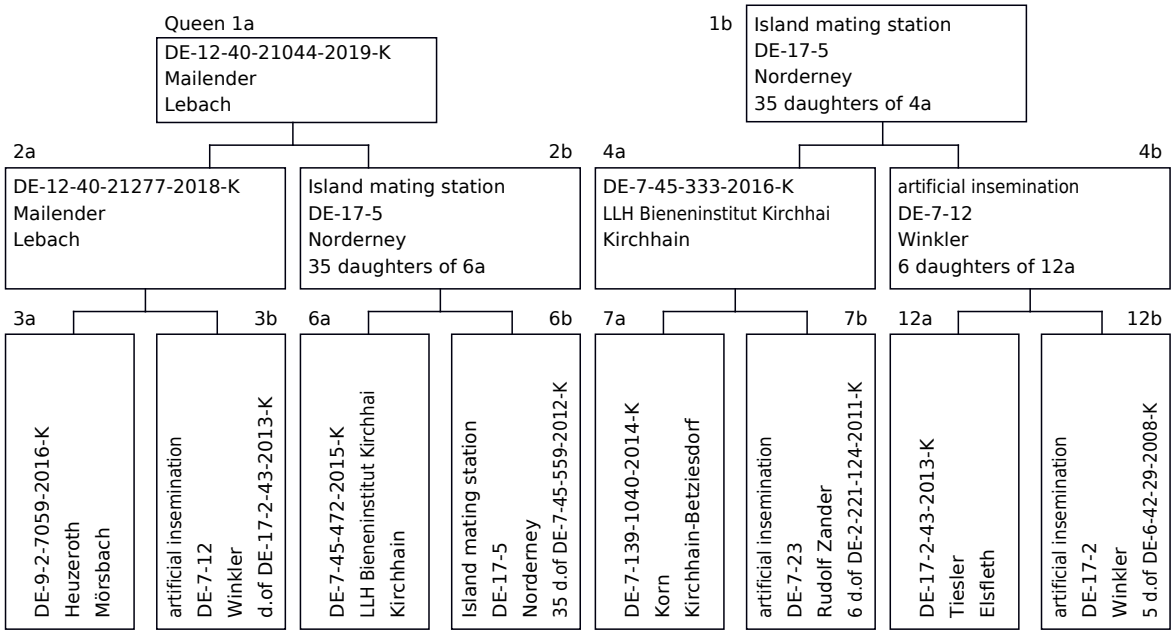
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-12-40-21044-2019-K

LANDESVERBAND SAARLÄNDISCHER IMKER E.V.

Tester of the queen:	Mailender, Jürgen, 66822 Lebach, DE-12-40, Apiary 2	
Breeder of the queen:	Mailender, Jürgen, 66822 Lebach, DE-12-40	
1a Studbook number:	**DE-12-40-21044-2019-K**	
		Daughters of
Race line: -C	Sign: green 44	Queen: 3.8%
Generation: 1	Hatch date: 26.06.2019	Workers: 5.3%

A. Pedigree



B. Own performance

	No. of the colony 24			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	41.5	116.9	1	6	35.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	110	
Honey yield	-	110	0.46
Defensive behavior	2.80	108	0.53
Steadiness on comb	2.80	106	0.53
Swarming drive	2.90	112	0.49
Varroa	-	105	0.5
Performance index	-	110	0.46
Robustness in winter	3		
Development in Spring	2.80		
Colony strength	2.80		

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.

29.05.2022

For the correctness DE-12

Breeding selection report DE-12-40-21044-2019-K

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Performance of the sisters

Amount of checked sisters: 6

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-12-40-21041-2019	DE-12-40	2	111	31	104	3.2	113	3.2	112	3.2	115	103	113
DE-12-40-21042-2019	DE-12-40	2	111	35.5	107	3	112	3.1	110	3.1	114	104	112
DE-12-40-21043-2019	DE-12-40	2	110	32.5	105	3	113	3.2	111	3.1	114	101	112
DE-12-40-21044-2019-K	DE-12-40	2	110	41.5	110	2.8	108	2.8	106	2.9	112	105	110
DE-12-40-21045-2019	DE-12-40	2	109	33.5	105	3.2	113	3	110	3	114	100	112
DE-12-40-21046-2019	DE-12-40	2	109	39	108	2.9	110	2.9	108	3	113	102	111