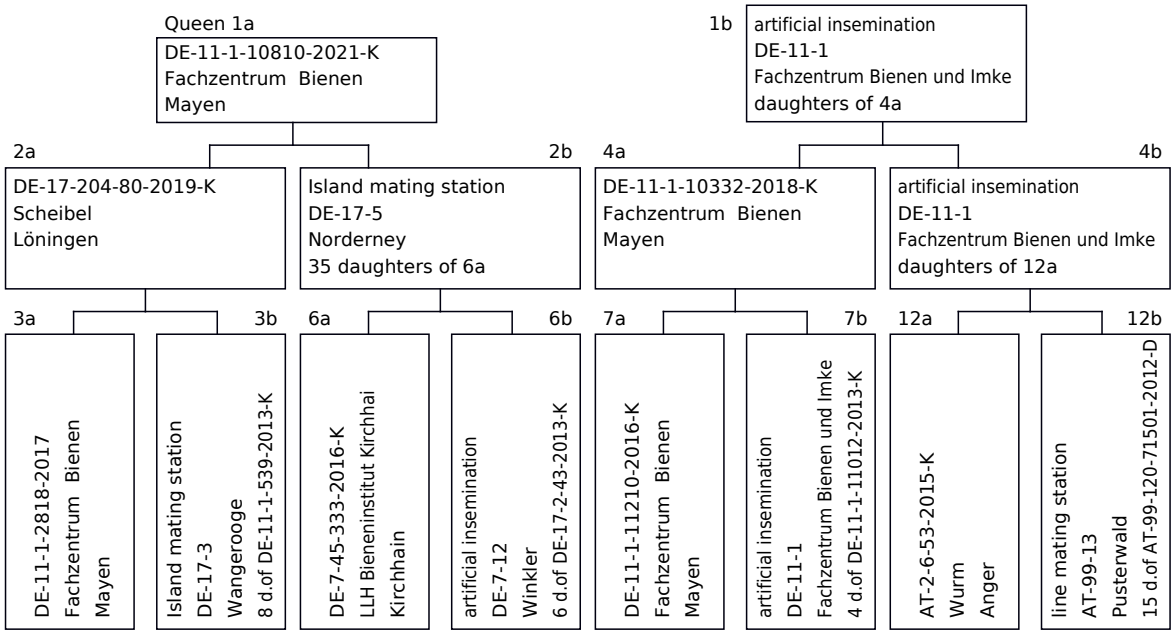
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-10810-2021-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 24	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-10810-2021-K**	
		Daughters of
Race line:	Sign: white 10	Queen: 3.3%
Generation:	Hatch date:	Workers: 3.8%

A. Pedigree



B. Own performance

	No. of the colony 647			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	70	109.1	7	12	64.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	118	
Honey yield	-	110	0.45
Defensive behavior	2.30	106	0.55
Steadiness on comb	2.40	110	0.54
Swarming drive	4	117	0.49
Varroa	-	120	0.51
Performance index	-	112	0.45
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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

19.05.2023

For the correctness DE-11

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Performance of the sisters

Amount of checked sisters: 5

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-11-1-10806-2021	DE-11-1	21	118	41	111	4	111	4	113	4	116	116	115
DE-11-1-10807-2021	DE-11-1	24	113	75	109	2.3	105	2.3	108	3	111	112	109
DE-11-1-10808-2021	DE-11-1	24	115	50	104	2.2	104	2.1	107	3	110	119	107
DE-11-1-10809-2021	DE-11-1	24	116	50	105	2.4	108	2.4	111	4	117	115	112
DE-11-1-10810-2021-K	DE-11-1	24	118	70	110	2.3	106	2.4	110	4	117	120	112