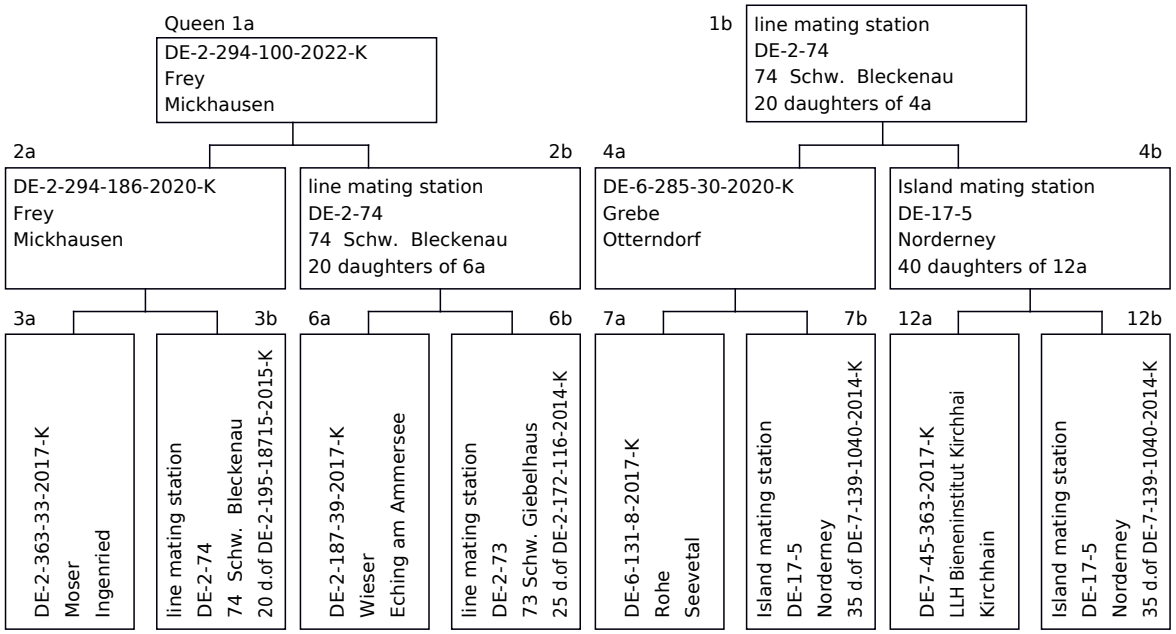
Breeding selection report
DE-2-294-100-2022-K

Tester of the queen:	Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2	
Breeder of the queen:	Frey, Otmar, 86866 Mickhausen, DE-2-294	
1a Studbook number:	**DE-2-294-100-2022-K**	
		Daughters of
Race line:	Sign: yellow	Queen: 4.3%
Generation: 1	Hatch date: 05.06.2022	Workers: 0.2%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	64.6	121.9	10	68	53.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	111	
Honey yield	-	113	0.42
Defensive behavior	2.90	109	0.53
Steadiness on comb	3.30	112	0.53
Swarming drive	3	100	0.5
Varroa	-	107	0.49
Performance index	-	110	0.42
Robustness in winter	3		
Development in Spring	3.50		
Colony strength	3.50		

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.

16.02.2024

For the correctness DE-2

Breeding selection report DE-2-294-100-2022-K

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Performance of the sisters

Amount of checked sisters: 16

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-2-294-125-2022**	DE-2-128	1	109		(111)		(107)		(107)		(106)	(104)	109
DE-2-294-126-2022**	DE-2-128	1	109		(111)		(107)		(107)		(106)	(104)	109
DE-2-294-48-2022-K	DE-2-502	2	110	71.2	115	2.9	107	2.8	107	4	106	105	111
DE-2-294-49-2022-K	DE-2-502	2	107	70	114	2.8	104	2.2	101	4	105	104	107
DE-2-294-51-2022**	DE-2-502	2	109		(111)		(107)		(107)		(106)	(104)	109
DE-2-294-99-2022-K	DE-2-502	2	106	50.3	109	2.8	105	2.3	103	4	105	102	106
DE-2-294-100-2022-K	DE-2-502	2	111	64.6	113	2.9	109	3.3	112	3	100	107	110
DE-2-294-101-2022-K	DE-2-502	2	110	50.8	110	3.2	113	3.2	113	4	107	101	113
DE-2-294-29-2022-K	DE-2-503	1	108		113		106		106		109	101	110
DE-2-294-53-2022	DE-2-503	1	115		(114)		111		113		110	109	114
DE-2-294-103-2022**	DE-2-503	1	109		(111)		(107)		(107)		(106)	(104)	109
DE-2-294-121-2022**	DE-2-503	1	109		(111)		(107)		(107)		(106)	(104)	109
DE-2-294-102-2022**	DE-2-503	2	109		(111)		(107)		(107)		(106)	(104)	109
DE-2-294-104-2022**	DE-2-503	2	109		(111)		(107)		(107)		(106)	(104)	109
DE-2-294-135-2022	DE-14-182	1	105		105		105		104		99	(104)	104
DE-2-294-136-2022	DE-14-182	1	106		107		106		106		99	(104)	105

Colony without performance tests