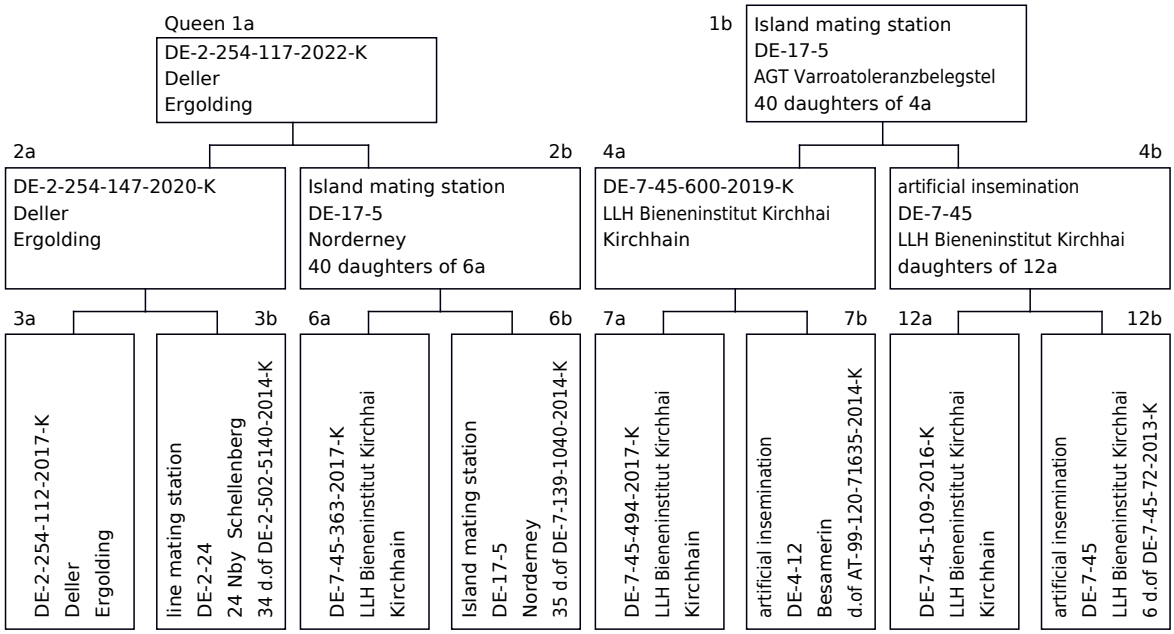
Breeding selection report
DE-2-254-117-2022-K

Tester of the queen:	Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2	
Breeder of the queen:	Deller, ZGR Thomas & Andreas, 84030 Ergolding, DE-2-254	
1a Studbook number:	**DE-2-254-117-2022-K**	
		Daughters of
Race line:	Sign: yellow	Queen: 0.1%
Generation: 6	Hatch date: 23.05.2022	Workers: 1.0%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	57.4	108.3	28	68	53.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	107	
Honey yield	-	100	0.42
Defensive behavior	3.20	105	0.52
Steadiness on comb	2.80	102	0.52
Swarming drive	4	111	0.48
Varroa	-	105	0.49
Performance index	-	105	0.42
Robustness in winter	2.50		
Development in Spring	2.50		
Colony strength	2.50		

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.

15.02.2024

For the correctness DE-2

Breeding selection report DE-2-254-117-2022-K

Page 2

Performance of the sisters

Amount of checked sisters: 12

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-2-254-115-2022-K	DE-2-502	2	111	63.3	102	2.5	98	2.7	97	4	110	117	102
DE-2-254-116-2022	DE-2-502	2	109	54.6	99	2.8	102	2.8	100	4	110	111	103
DE-2-254-117-2022-K	DE-2-502	2	107	57.4	100	3.2	105	2.8	102	4	111	105	105
DE-2-254-118-2022-K	DE-2-502	2	105	43.1	95	2.5	96	2.1	92	4	109	112	98
DE-2-254-119-2022-K	DE-2-502	2	106	47.5	96	2.8	101	2.7	99	3	103	111	100
DE-2-254-121-2022-K	DE-2-502	2	103	30.9	92	2.2	94	2.2	92	4	109	110	96
DE-2-254-122-2022-K	DE-2-503	1	109		95		102		102		114	112	104
DE-2-254-123-2022-K	DE-2-503	1	112		100		102		102		107	117	103
DE-2-254-126-2022-K	DE-2-503	2	110		99		101		97		110	115	103
DE-2-254-129-2022**	DE-2-503	2	108		(99)		(101)		(99)		(110)	(112)	103
DE-2-254-130-2022**	DE-2-503	2	108		(99)		(101)		(99)		(110)	(112)	103
DE-2-254-137-2022**	DE-2-503	2	108		(99)		(101)		(99)		(110)	(112)	103

Colony without performance tests