Breeding selection report
DE-2-278-37-2021-K

DEUTSCHER IMKERBUND E.V.

LVBI

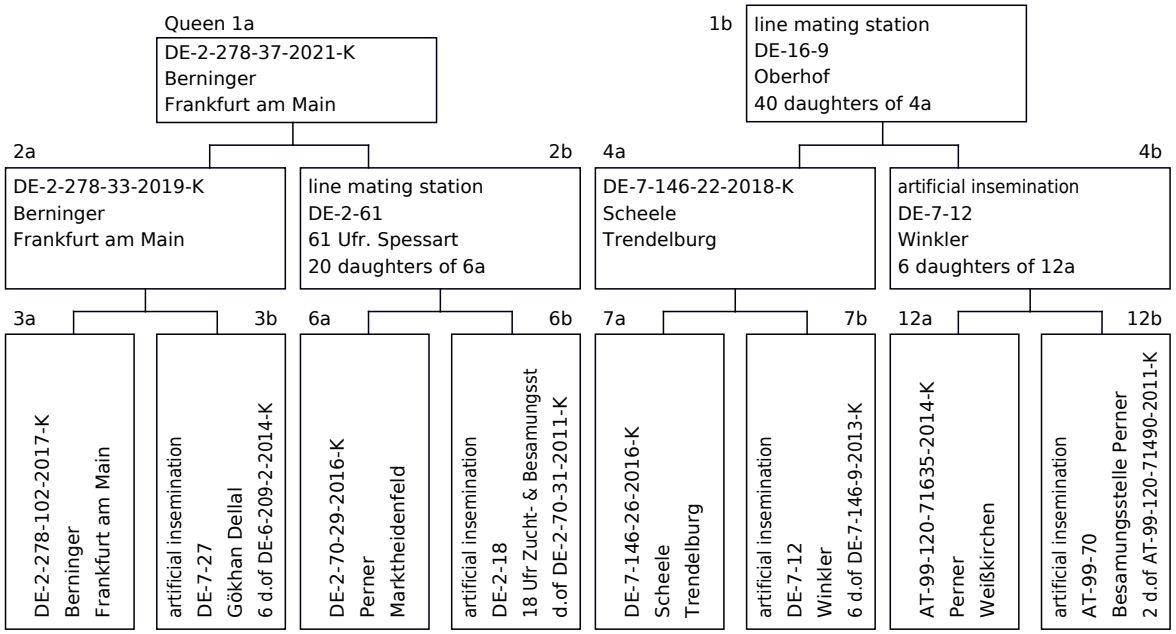
Tester of the queen: Ltg. Achim Fuchs, Prüfhof Kringell, 94116 Hutthurm, DE-2-502, Apiary 2
Breeder of the queen: Berninger, Andreas, 60386 Frankfurt am Main, DE-2-278
1a Studbook number: **DE-2-278-37-2021-K**

Race line: -Spessart
Generation: 2

Sign: white 2
Hatch date: 28.05.2021

Daughters of
Queen: 0.5%
Workers: 4.1%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	19	123.3	21	74	15.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	114	
Honey yield	-	111	0.46
Defensive behavior	2.90	116	0.56
Steadiness on comb	3.10	117	0.55
Swarming drive	4	101	0.51
Varroa	-	110	0.53
Performance index	-	113	0.46
Robustness in winter	2		
Development in Spring	2.50		
Colony strength	3		

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.

18.02.2023

For the correctness DE-2

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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-2-278-28-2021	DE-2-502	2	112	32.1	113	3	113	3	113	2	99	111	109
DE-2-278-35-2021-K	DE-2-502	2	102	5	105	1.7	102	1.9	102	4	98	100	102
DE-2-278-36-2021-K	DE-2-502	2	116	33.1	116	3.2	118	3.1	117	4	102	111	115
DE-2-278-37-2021-K	DE-2-502	2	114	19	111	2.9	116	3.1	117	4	101	110	113
DE-2-278-38-2021-K	DE-2-502	2	112	12.5	108	2.3	108	2.2	107	4	99	115	106
DE-2-278-27-2021-K	DE-2-503	3	112		105		113		111		102	111	109
DE-2-278-29-2021-K	DE-2-503	3	113		108		114		114		96	113	109