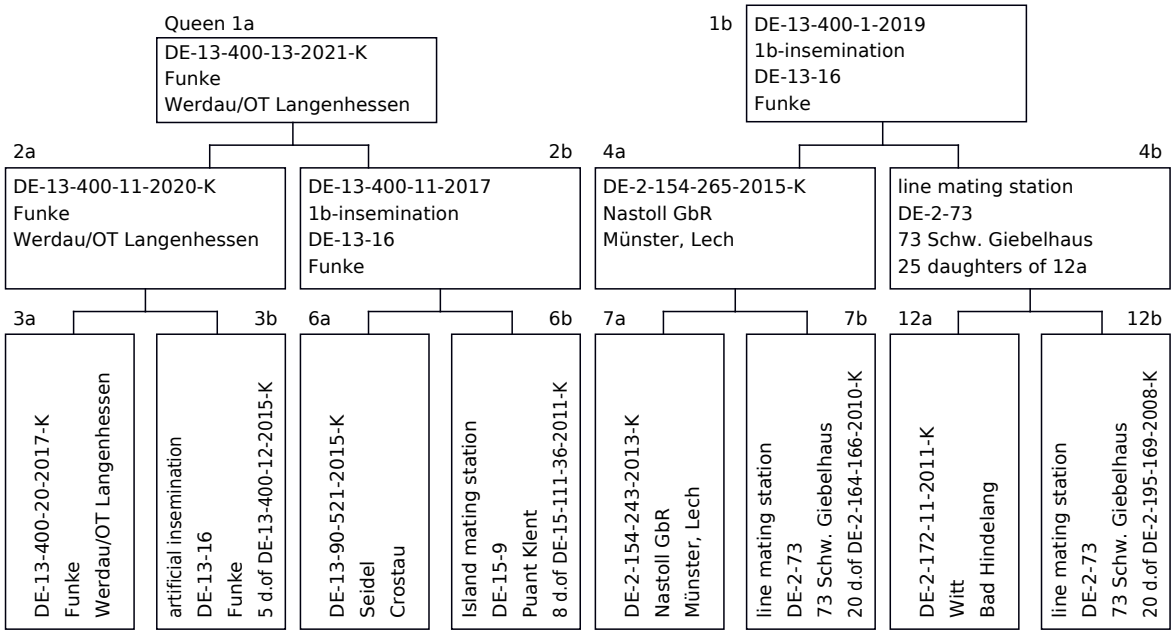
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-13-400-13-2021-K

Tester of the queen:	Funke, Thomas, 08412 Werdau/OT Langenhessen, DE-13-400, Apiary 2	
Breeder of the queen:	Funke, Thomas, 08412 Werdau/OT Langenhessen, DE-13-400	
1a Studbook number:	**DE-13-400-13-2021-K**	
		Daughters of
Race line: -CA-Funke	Sign: white 72	Queen: 9.9%
Generation: 14	Hatch date: 16.07.2021	Workers: 0.3%

A. Pedigree



B. Own performance

	No. of the colony M 22			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	81.5	122.3	1	12	66.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	116	
Honey yield	-	124	0.31
Defensive behavior	4	116	0.44
Steadiness on comb	4	118	0.44
Swarming drive	4	108	0.38
Varroa	-	107	0.38
Performance index	-	119	0.31
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

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 A
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

18.02.2023

For the correctness DE-13

Breeding selection report DE-13-400-13-2021-K

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Performance of the sisters

Amount of checked sisters: 10

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-13-400-13-2021-K	DE-13-400	2	116	81.5	124	4	116	4	118	4	108	107	119
DE-13-400-14-2021	DE-13-400	2	116	79	124	4	116	4	118	4	108	106	119
DE-13-400-15-2021	DE-13-400	2	115	76.5	123	4	116	4	118	3.8	107	106	118
DE-13-400-16-2021	DE-13-400	2	115	73.5	122	4	116	4	118	3.5	106	106	118
DE-13-400-17-2021	DE-13-400	2	115	69	121	4	116	4	118	3.5	106	107	117
DE-13-400-18-2021	DE-13-400	2	114	65.5	119	4	116	3.9	117	3.4	105	106	116
DE-13-400-19-2021	DE-13-400	2	114	59.5	118	4	116	3.9	117	3.3	104	106	116
DE-13-400-20-2021	DE-13-400	2	115	58	118	3.9	116	4	118	3.4	105	107	116
DE-13-400-21-2021	DE-13-400	2	113	54.5	116	3.9	114	3.6	115	3	102	106	113
DE-13-400-22-2021	DE-13-400	2	111	49.5	115	3.5	112	3.6	113	3	102	106	112