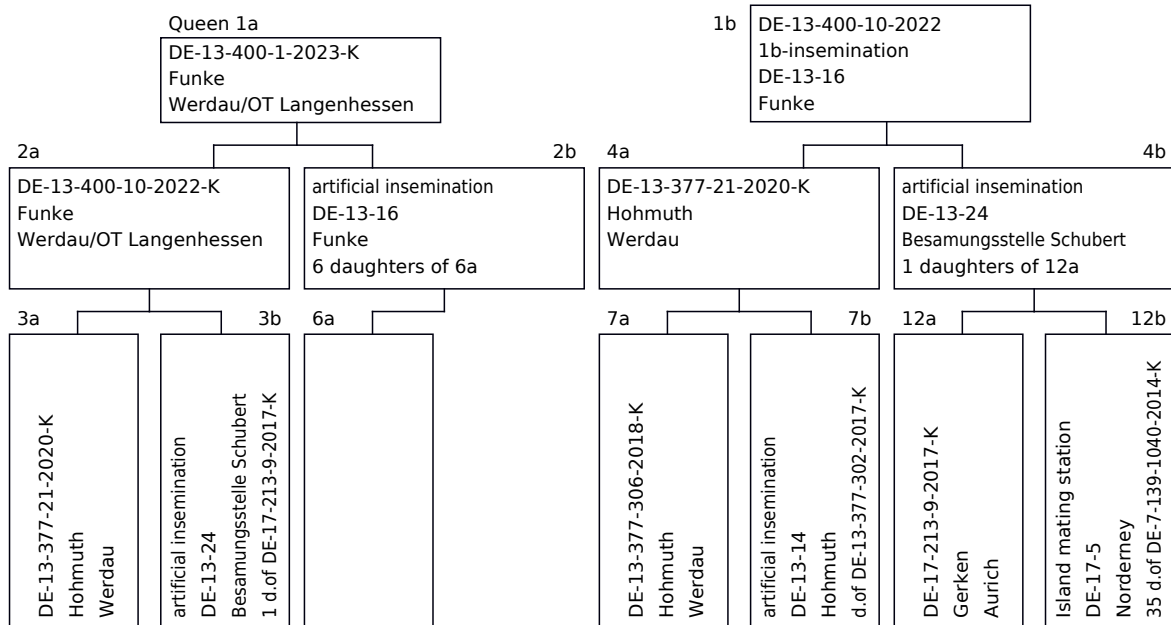


Tester of the queen: Funke, Thomas, 08412 Werdau/OT Langenhessen, DE-13-400, Apiary 1  
 Breeder of the queen: Funke, Thomas, 08412 Werdau/OT Langenhessen, DE-13-400  
**1a** Studbook number: **DE-13-400-1-2023-K**

Race line: -CA-Funke Sign: red 41 Daughters of Queen: 0.3%  
 Generation: 15 Hatch date: 10.07.2023 Workers: 25.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony H-5			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	128.5	114.3	1	10	112.4	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	114				
Honey yield	-	132				0.34
Defensive behavior	4	110				0.42
Steadiness on comb	4	117				0.46
Swarming drive	4	122				0.36
Varroa	-	96				0.39
Performance index	-	124				0.34
Robustness in winter	4					
Development in Spring	4					
Colony strength	4					

<sup>1</sup>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).

# Breeding selection report DE-13-400-1-2023-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 8

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-13-400-1-2023-K	DE-13-400	1	114	128.5	132	4	110	4	117	4	122	96	124
DE-13-400-2-2023	DE-13-400	1	113	123	130	4	110	4	118	3.8	120	96	123
DE-13-400-3-2023	DE-13-400	1	113	118.5	129	4	110	4	118	4	121	96	123
DE-13-400-4-2023	DE-13-400	1	113	117.5	128	4	110	4	118	3.8	120	96	122
DE-13-400-5-2023	DE-13-400	1	111	115.5	127	4	108	3.8	116	3.5	118	95	121
DE-13-400-6-2023	DE-13-400	1	111	110.5	126	4	108	3.8	116	3.5	118	95	120
DE-13-400-7-2023	DE-13-400	1	110	107	125	4	106	3.5	113	3.5	117	95	118
DE-13-400-8-2023	DE-13-400	1	110	106.5	125	4	106	3.5	113	3.5	117	96	118