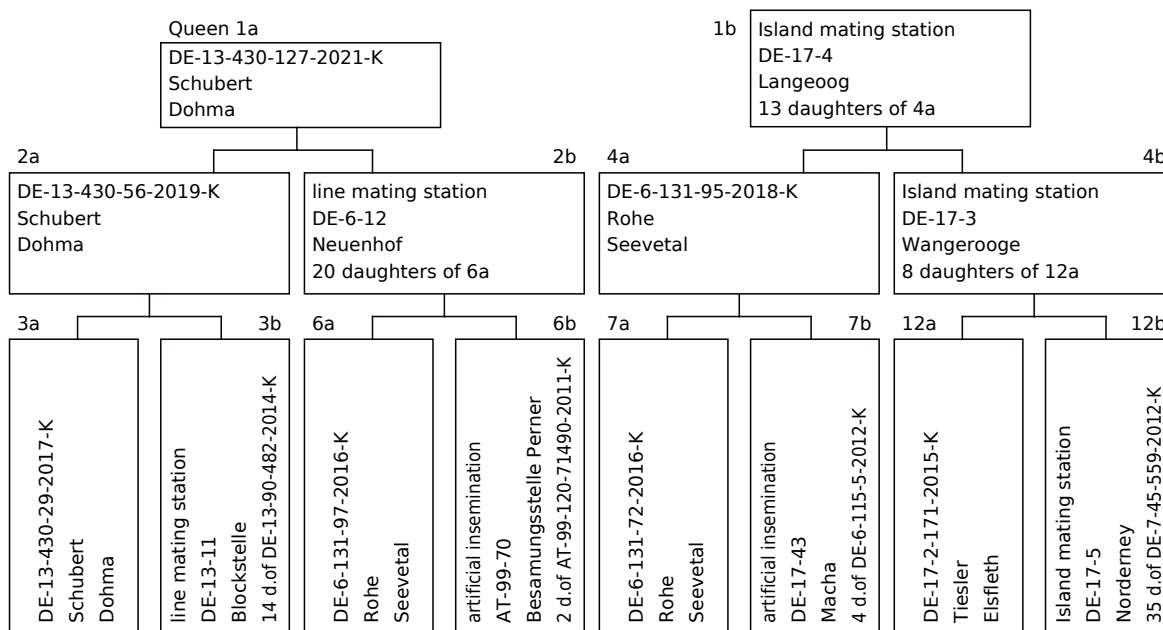









Tester of the queen: Schubert, Jörg, 01796 Dohma, DE-13-430, Apiary 3
 Breeder of the queen: Schubert, Jörg, 01796 Dohma, DE-13-430
1a Studbook number: **DE-13-430-127-2021-K**

Race line: -C-P Sign: white 8 Daughters of Queen: 4.7%
 Generation: 3 Hatch date: 02.06.2021 Workers: 2.4%

A. Pedigree



B. Own performance

Performance test year	No. of the colony WW 10			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	36	90.4	9	14	39.8	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	112				
Honey yield	-	96				0.44
Defensive behavior	3.60	113				0.53
Steadiness on comb	3.50	112				0.53
Swarming drive	3.60	107				0.49
Varroa	-	112				0.5
Performance index	-	108				0.44
Robustness in winter			70%	100%	170%	
Development in Spring	2					
Colony strength	3.20					

¹In 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.

Breeding selection report DE-13-430-127-2021-K

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Performance of the sisters

Amount of checked sisters: 9

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-13-430-126-2021-K	DE-13-430	1	111	75.5	104	4	116	3.8	113	4	108	102	114
DE-13-430-129-2021	DE-13-430	2	110	87.8	103	3.7	116	3.6	113	3.9	111	101	113
DE-13-430-121-2021	DE-13-430	3	106	28.8	94	3.6	113	3.5	113	3.8	108	100	108
DE-13-430-122-2021	DE-13-430	3	105	34.5	95	3.4	111	3.5	111	3.2	104	100	106
DE-13-430-123-2021	DE-13-430	3	107	28.7	94	3.5	113	3.6	113	3.8	108	102	108
DE-13-430-124-2021	DE-13-430	3	107	47.9	101	3.5	111	3.4	111	3.8	108	100	109
DE-13-430-125-2021	DE-13-430	3	107	45.6	100	3.6	112	3.5	112	3.5	107	100	109
DE-13-430-127-2021-K	DE-13-430	3	112	36	96	3.6	113	3.5	112	3.6	107	112	108
DE-13-430-128-2021	DE-13-430	3	101	24.3	93	2.8	101	2.5	100	3	101	101*	99

Only one Varroa trait was recorded