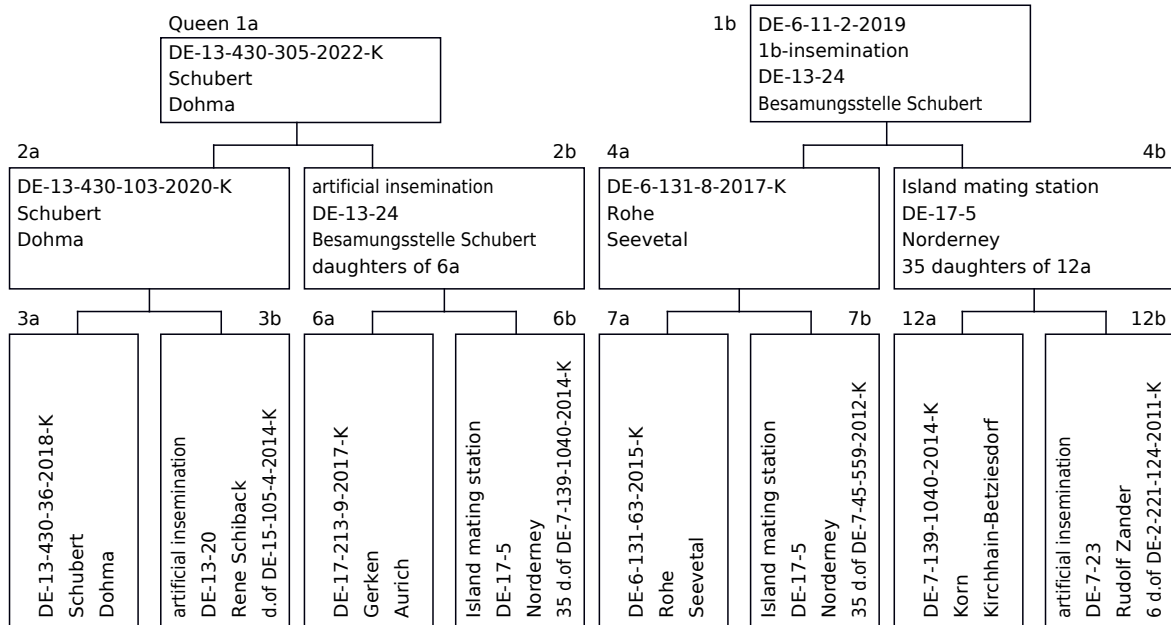









Tester of the queen: Schubert, Jörg, 01796 Dohma, DE-13-430, Apiary 3
 Breeder of the queen: Schubert, Jörg, 01796 Dohma, DE-13-430
1a Studbook number: **DE-13-430-305-2022-K**

Race line: -C-P Sign: yellow 30 Daughters of Queen: 1.4%
 Generation: 4 Hatch date: 18.06.2022 Workers: 5.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony WW 4			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	109.7	151.9	1	9	72.2	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	118				
Honey yield	-	107				0.43
Defensive behavior	3.60	113				0.54
Steadiness on comb	3.50	112				0.55
Swarming drive	3.80	113				0.49
Varroa	-	117				0.5
Performance index	-	113				0.43
Robustness in winter			70%	100%	170%	
Development in Spring	3.50					
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-13-430-305-2022-K

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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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-13-430-302-2022	DE-13-430	1	116	64.1	98	3.5	110	3.3	110	3.5	110	118	110
DE-13-430-303-2022	DE-13-430	1	113	65.7	98	3.2	110	3.2	110	3.5	109	114	108
DE-13-430-306-2022	DE-13-430	1	119	86.2	104	3.7	115	3.5	114	3.8	113	118	114
DE-13-430-304-2022	DE-13-430	3	114	62.3	99	3.2	109	3.2	108	3.5	110	117	108
DE-13-430-305-2022-K	DE-13-430	3	118	109.7	107	3.6	113	3.5	112	3.8	113	117	113
DE-13-430-307-2022	DE-13-430	3	117	71	101	3.4	111	3.4	111	3.6	111	119	110
DE-13-430-308-2022	DE-13-430	3	116	57.1	99	3.3	110	3.3	109	3.6	111	119	109