

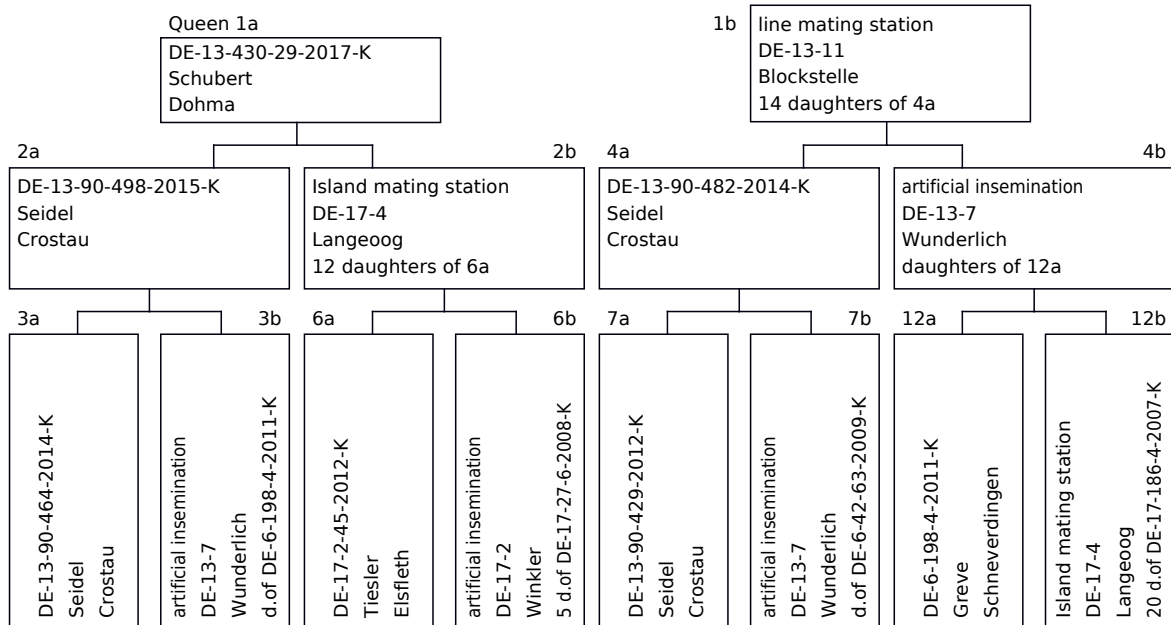
Tester of the queen: Schubert, Jörg, 01796 Dohma, DE-13-430, Apiary 1  
Breeder of the queen: Schubert, Jörg, 01796 Dohma, DE-13-430  
**1a** Studbook number: **DE-13-430-29-2017-K**

Race line:  
Generation: 1

Sign: yellow 94  
Hatch date: 23.06.2017

Daughters of  
Queen: 4.2%  
Workers: 6.1%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony WW 16			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	96.2	123.1	3	16	78.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	119			
Honey yield	-	117			0.41
Defensive behavior	3.80	112			0.62
Steadiness on comb	3.80	113			0.62
Swarming drive	3.70	114			0.37
Varroa	-	112			0.35
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring	4.00				
Colony strength	4.00				

<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 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-13-430-29-2017-K

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### 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-13-430-17-2017	DE-13-430	1	103	96.8	118	3.4	Behavior	3.4	109	3.6	112	99	
DE-13-430-22-2017	DE-13-430	1	100	66.5	92	3.6	109	3.8	112	3.8	114	87	
DE-13-430-23-2017	DE-13-430	1	96	53.0	81	3.6	104	3.4	104	3.8	111	91	
DE-13-430-27-2017**	DE-13-430	1	107		(104)		(107)		(108)		(113)	(99)	
DE-13-430-28-2017	DE-13-430	1	105	80.9	105	3.4	99	3.6	102	3.4	102	107	
DE-13-430-29-2017-K	DE-13-430	1	119	96.2	117	3.8	112	3.8	113	3.7	114	112	
DE-13-430-18-2017	DE-13-430	2	105	56.2	100	3.6	105	3.6	106	4.0	115	98	
DE-13-430-25-2017	DE-13-430	2	100	53.3	97	3.6	102	3.4	100	4.0	114	95	

Colony without performance tests