

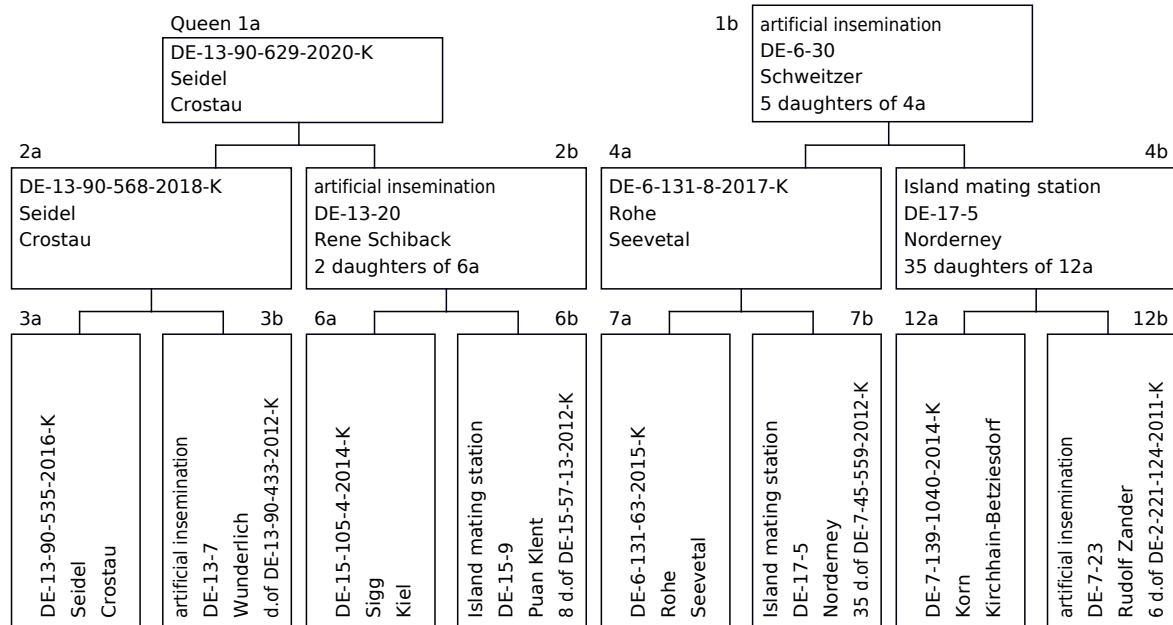
Tester of the queen: Seidel, Gerd, 02681 Crostau, DE-13-90, Apiary 1
Breeder of the queen: Seidel, Gerd, 02681 Crostau, DE-13-90
1a Studbook number: **DE-13-90-629-2020-K**

Race line: -C-Peschezt
Generation: 8

Sign: blue 69
Hatch date: 27.05.2020

Daughters of
Queen: 2.1%
Workers: 1.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 7			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	48.4	109.7	10	22	44.1
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	115			
Honey yield	-	110			0.41
Defensive behavior	3.90	117			0.51
Steadiness on comb	3.80	118			0.51
Swarming drive	3.90	115			0.46
Varroa	-	106			0.47
Performance index	-	117			0.41
Robustness in winter	3.50		70%	100%	170%
Development in Spring	3.50				
Colony strength	3.70				

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-13-90-629-2020-K

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Performance of the sisters

Amount of checked sisters: 5

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-13-90-626-2020	DE-13-90	1	114	43.5	109	3.9	110	3.8	117	3.9	115	105	117
DE-13-90-627-2020	DE-13-90	1	114	55.6	112	3.8	116	3.7	117	3.9	115	103	117
DE-13-90-628-2020	DE-13-90	1	113	28.7	105	3.8	117	3.7	117	3.9	115	104	115
DE-13-90-629-2020-K	DE-13-90	1	115	48.4	110	3.9	117	3.8	118	3.9	115	106	117
DE-13-90-630-2020	DE-13-90	1	115	47.5	110	3.8	117	3.8	118	3.9	115	106	117