

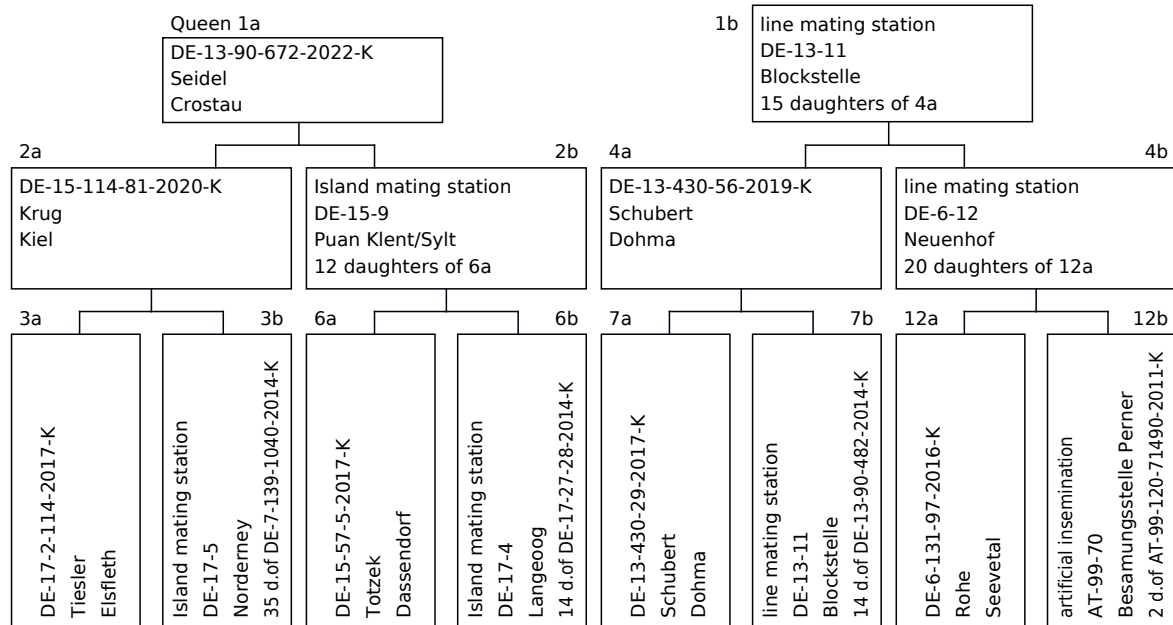
Tester of the queen: Seidel, Gerd, 02681 Crostau, DE-13-90, Apiary 1
Breeder of the queen: Seidel, Gerd, 02681 Crostau, DE-13-90
1a Studbook number: **DE-13-90-672-2022-K**

Race line: -C-Peschetz
Generation: 0

Sign: yellow 83
Hatch date: 06.06.2022

Daughters of
Queen: 6.1%
Workers: 3.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony V17			comparable colonies at the apiary					
	kg	%	Ranking	number	Yield average kg				
	74.7	142.2	2	29	52.5				
	Assessment*	Breeding values			Reliability				
Total breeding value¹	-	110							
Honey yield	-	112							0.44
Defensive behavior	3.80	110							0.54
Steadiness on comb	3.80	109							0.53
Swarming drive	4	107							0.41
Varroa	-	104							0.49
Performance index	-	111							0.44
Robustness in winter	3.50			70%	100%			170%	
Development in Spring	3.60								
Colony strength	3.80								

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-13-90-672-2022-K

Page 2

Performance of the sisters

Amount of checked sisters: 6

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-13-90-669-2022	DE-13-90	1	107	31.7	103	3.5	103	3.8	109	4	105	102	107
DE-13-90-670-2022	DE-13-90	1	106	39.6	104	3.3	105	3.5	105	4	104	103	105
DE-13-90-671-2022-D	DE-13-90	1	108	74.6	111	3.5	106	3.5	105	4	106	103	108
DE-13-90-672-2022-K	DE-13-90	1	110	74.7	112	3.8	110	3.8	109	4	107	104	111
DE-13-90-673-2022-D	DE-13-90	1	106	63.1	109	3	102	3.5	104	4	104	103	105
DE-13-90-674-2022	DE-13-90	1	105	23	100	3.3	105	3.5	105	4	104	102	104