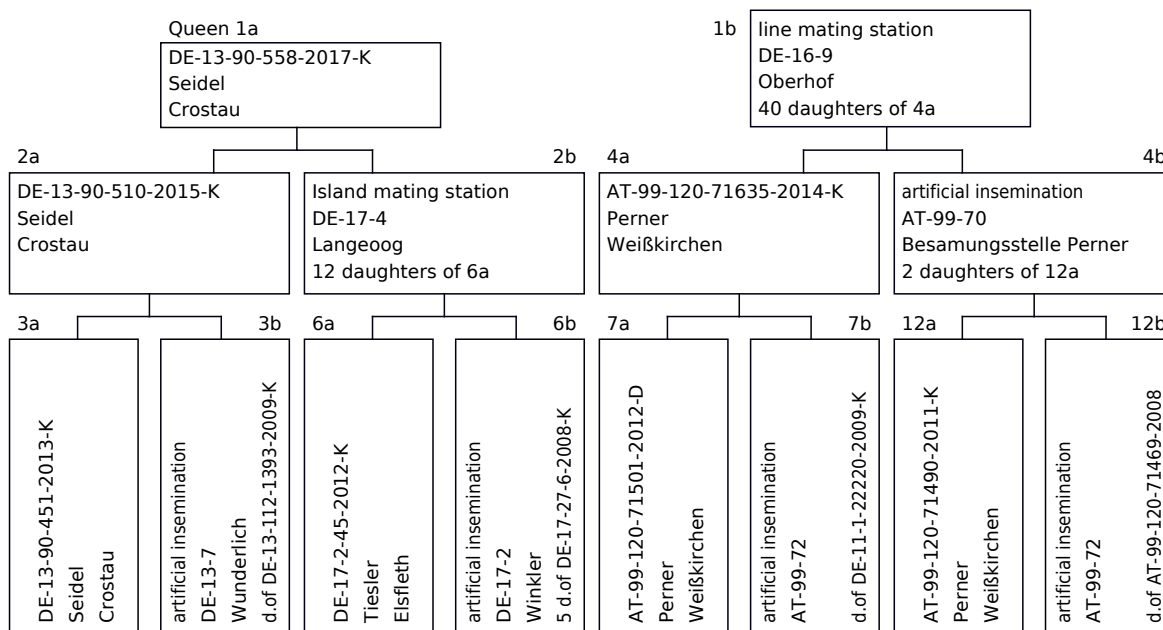


Tester of the queen: Seidel, Gerd, 02681 Crostau, DE-13-90, Apiary 2
 Breeder of the queen: Seidel, Gerd, 02681 Crostau, DE-13-90
1a Studbook number: **DE-13-90-558-2017-K**

Race line: -C-Peschetz Sign: yellow 7 Daughters of Queen: 0.2%
 Generation: 3 Hatch date: 06.06.2017 Workers: 0.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 2			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	51.0	142.8	2	7	35.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	126			
Honey yield	-	120			0.38
Defensive behavior	3.50	123			0.57
Steadiness on comb	4	123			0.57
Swarming drive	4	118			0.34
Varroa	-	113*			0.32
Performance index	-	0			
Robustness in winter	3.50		70%	100%	170%
Development in Spring	4				
Colony strength	4				

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%.

Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-13-90-558-2017-K

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Performance of the sisters

Amount of checked sisters: 13

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 index
DE-13-90-558-2017-K	DE-13-90	2	126	51.0	120	3.5	123	4	123	4	118	113*	
DE-13-90-559-2017	DE-13-90	2	95	20.0	98	3	95	3.5	97	3.8	101	91*	97
DE-13-90-561-2017-D	DE-13-90	2	108	33.0	109	3.2	106	3.4	104	3.5	102	107*	
DE-13-90-562-2017-K	DE-13-90	2	111	42	115	3.2	105	3.4	103	3.5	103	111*	
DE-13-90-563-2017	DE-13-90	2	96	34.0	100	3.4	101	3.5	100	3.5	98	91*	100
DE-13-90-564-2017	DE-13-90	2	93	17.0	97	3	94	3.4	96	3.5	96	91*	95
DE-13-477-1-2017-K	DE-13-477	1	111		111		118		116		110	96	
DE-13-477-3-2017	DE-13-477	1	98		98		97		96		100	97	97
DE-13-477-4-2017-K	DE-13-477	1	116		115		114		112		110	109	
DE-13-477-7-2017	DE-13-477	1	99		99		103		104		101	94	102
DE-13-477-10-2017	DE-13-477	1	98		108		97		98		106	92	103
DE-13-477-12-2017	DE-13-477	1	98		100		99		101		102	93	100
DE-13-477-19-2017	DE-13-477	1	98		101		101		102		102	91	102

Only one Varroa trait was recorded