

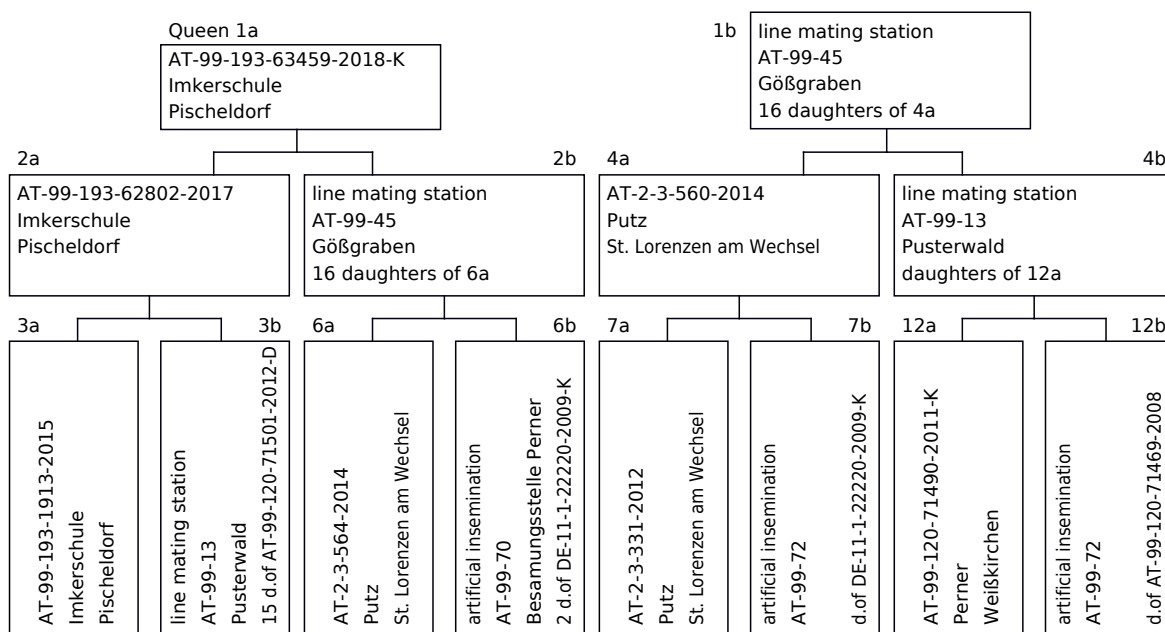
Breeding selection report

AT-99-193-63459-2018-K

Tester of the queen: Imkerschule, Kärntner, 9064 Pischeldorf, AT-99-193, Apiary 1
Breeder of the queen: Imkerschule, Kärntner, 9064 Pischeldorf, AT-99-193
1a Studbook number: **AT-99-193-63459-2018-K**

Race line: Sign: red 94 Daughters of Queen: 4.9%
Generation: Hatch date: 16.07.2018 Workers: 4.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 12			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	28.4	83.5	23	27	34.0	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	114				
Honey yield	-	101				0.45
Defensive behavior	3.90	107				0.55
Steadiness on comb	3.90	109				0.54
Swarming drive	3	100				0.49
Varroa	-	121				0.5
Performance index	-	105				0.45
Robustness in winter	4	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%.

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.

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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 index
AT-99-193-63259-2018	AT-99-193	1	115	32	105	4	109	4	109	4	110	117	109
AT-99-193-63453-2018-K	AT-99-193	1	117	33.2	105	4	109	4	111	4	110	120	110
AT-99-193-63459-2018-K	AT-99-193	1	114	28.4	101	3.9	107	3.9	109	3	100	121	105
AT-99-193-63464-2018	AT-99-193	1	108	34.3	106	3.6	103	3.7	106	4	106	107	106
AT-99-193-63467-2018	AT-99-193	1	114	37.1	107	3.9	107	3.9	109	4	106	115	108
AT-99-193-63473-2018	AT-99-193	1	109	15	100	3.8	104	3.9	107	1	87	(117)	100