

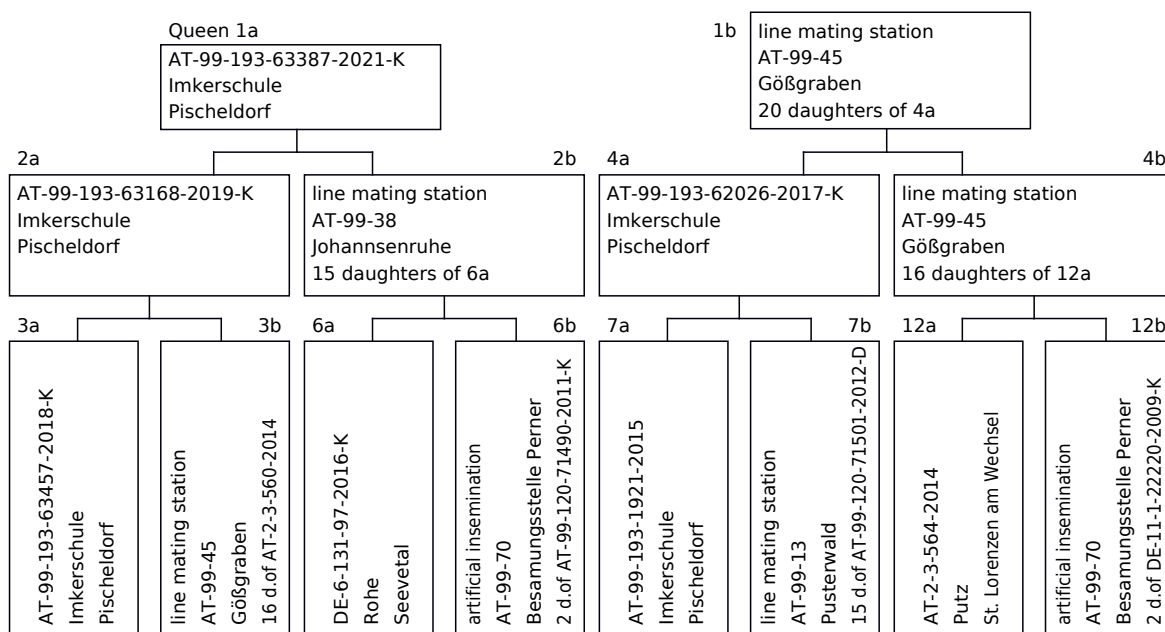
Breeding selection report

AT-99-193-63387-2021-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-99-193-63387-2021-K**

Race line: Sign: white 83 Daughters of Queen: 3.9%
Generation: Hatch date: 11.07.2021 Workers: 3.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 54			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	6.7	84.7	32	46	7.9
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	118			
Honey yield	-	100			0.45
Defensive behavior	3.75	105			0.55
Steadiness on comb	4	106			0.54
Swarming drive	4	105			0.49
Varroa	-	130			0.5
Performance index	-	104			0.45
Robustness in winter	4		70%	100%	170%
Development in Spring	3				
Colony strength	2				

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: 22

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-99-193-63348-2021	AT-99-193	1	118	2.9	96	3.8	100	4	106	4	105	130	104
AT-99-193-63349-2021	AT-99-193	1	118	10.6	104	3.8	105	4	105	4	105	129	105
AT-99-193-63353-2021	AT-99-193	1	117	8.1	101	3.8	105	4	106	4	105	127	105
AT-99-193-63361-2021	AT-99-193	1	114	2.3	94	3.3	99	3.3	98	4	103	129	98
AT-99-193-63365-2021	AT-99-193	1	115	6	99	3.8	105	4	106	4	105	123	104
AT-99-193-63381-2021	AT-99-193	1	117	7.7	101	3.8	105	4	106	4	105	127	105
AT-99-193-63383-2021	AT-99-193	1	113	8.7	101	3.5	102	3.8	102	4	104	120	103
AT-99-193-63384-2021	AT-99-193	1	118	8.1	101	3.8	105	4	106	4	105	129	105
AT-99-193-63385-2021	AT-99-193	1	118	9.9	103	4	107	4	106	4	105	127	106
AT-99-193-63386-2021	AT-99-193	1	115	9.4	102	3.4	100	3.4	99	4	103	127	101
AT-99-193-63387-2021-K	AT-99-193	1	118	6.7	100	3.8	105	4	106	4	105	130	104
AT-99-193-63388-2021	AT-99-193	1	116	5.7	97	3.8	105	4	105	3	99	129	102
AT-99-193-62995-2021	AT-99-288	1	120		103		106		107		105	131	106
AT-99-193-62996-2021	AT-99-288	1	117		99		103		103		103	131	102
AT-99-193-62547-2021	DE-1-33	1	116		101		103		103		103	(127)	103
AT-99-193-62548-2021	DE-1-33	1	117		101		105		105		104	(127)	104
AT-99-193-62549-2021	DE-1-33	1	116		103		102		103		102	(127)	103
AT-99-193-62550-2021	DE-1-33	1	117		104		104		104		103	(127)	105
AT-99-193-62551-2021	DE-1-33	1	117		101		106		105		104	(127)	105
AT-99-193-62552-2021	DE-1-33	1	118		106		105		105		104	(127)	106
AT-99-193-62553-2021	DE-1-33	1	117		103		104		104		103	(127)	104
AT-99-193-62554-2021	DE-1-33	1	117		104		104		104		103	(127)	104