

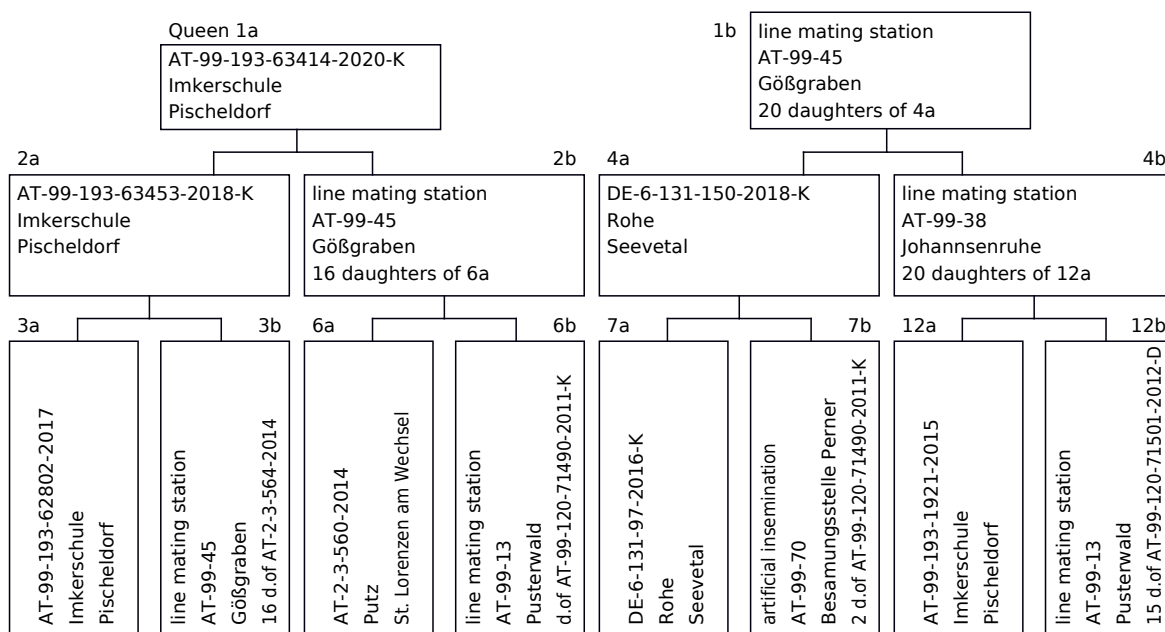
Breeding selection report

AT-99-193-63414-2020-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-99-193-63414-2020-K**

Race line: Sign: blue 87 Daughters of Queen: 4.1%
Generation: Hatch date: 13.07.2020 Workers: 4.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 172			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	14.4	123.8	8	37	11.6
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	112			
Honey yield	-	108			0.43
Defensive behavior	3.90	107			0.53
Steadiness on comb	4	110			0.52
Swarming drive	4	107			0.47
Varroa	-	111			0.49
Performance index	-	109			0.43
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: 11

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-99-193-62210-2020	AT-99-156	1	110		104							111	106
AT-99-193-63414-2020-K	AT-99-193	1	112	14.4	108	3.9	107	4	110	4	107	111	109
AT-99-193-63415-2020	AT-99-193	1	111	9	102	3.7	106	3.9	109	4	106	113	107
AT-99-193-63417-2020	AT-99-193	1	114	10.8	104	3.8	107	4	110	4	107	115	108
AT-99-193-63418-2020	AT-99-193	1	112	7.2	100	3.7	106	3.8	108	4	106	115	106
AT-99-193-63420-2020	AT-99-193	1	111	9	102	3.7	106	3.9	109	4	106	111	107
AT-99-193-63421-2020	AT-99-193	1	111	12.6	106	3.8	106	3.9	109	4	107	111	108
AT-99-193-63422-2020	AT-99-193	1	113	11.3	105	3.7	106	3.9	108	4	106	116	107
AT-99-193-63439-2020	AT-99-193	1	111	10.8	104	3.6	105	3.9	108	4	106	111	107
AT-99-193-63440-2020	AT-99-193	1	112		(105)	3.8	106	3.9	109	4	107	(113)	108
AT-99-193-63441-2020	AT-99-193	1	114	14.4	108	3.8	107	4	109	4	107	114	109