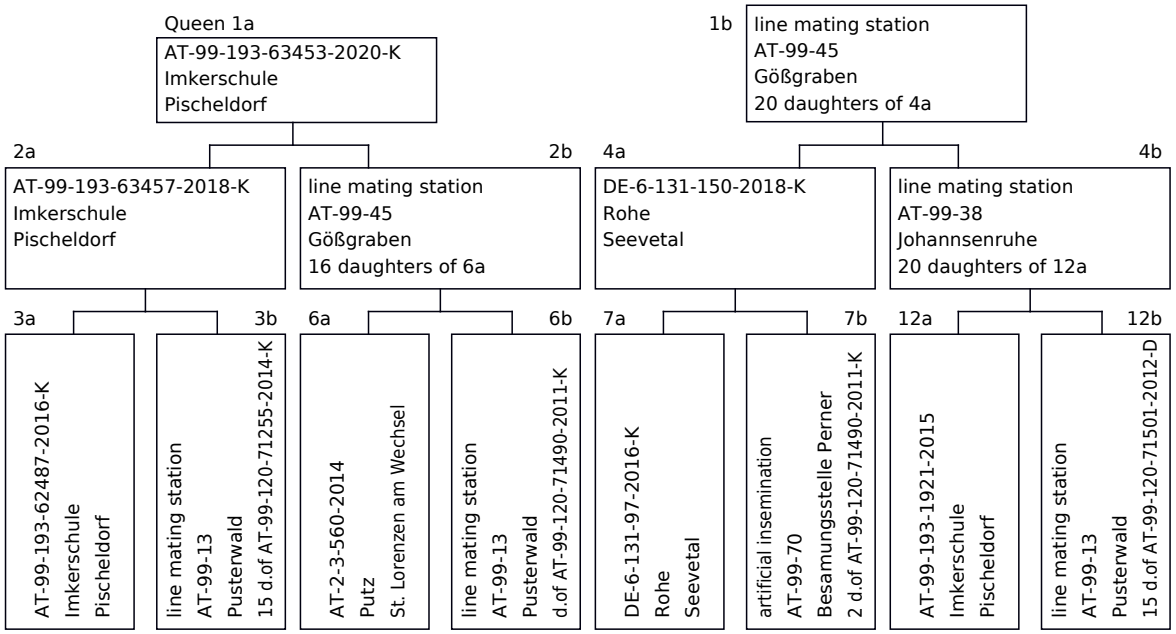
Breeding selection report
AT-99-193-63453-2020-K

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-99-193-63453-2020-K**	
		Daughters of
Race line:	Sign: blue 17	Queen: 2.1%
Generation:	Hatch date: 06.07.2020	Workers: 3.9%

A. Pedigree



B. Own performance

	No. of the colony 238			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	12.6	108.3	13	37	11.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	113	
Honey yield	-	110	0.43
Defensive behavior	3.80	104	0.53
Steadiness on comb	3.80	106	0.52
Swarming drive	4	102	0.48
Varroa	-	116	0.49
Performance index	-	106	0.43
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

70% 100% 170%

[1]In 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.

25.09.2022

For the correctness AT-99

Breeding selection report AT-99-193-63453-2020-K

Page 2

Performance of the sisters

Amount of checked sisters: 28

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
AT-99-193-62207-2020	AT-99-193	1	111	9	107	3.8	103	3.9	107	4	102	113	106
AT-99-193-62208-2020	AT-99-193	1	111	12.6	111	3.5	102	3.9	106	4	102	114	106
AT-99-193-63442-2020	AT-99-193	1	107		(104)	3.7	102	3.9	105	1	82	114*	98
AT-99-193-63443-2020	AT-99-193	1	112	12.6	111	3.7	103	3.9	107	4	102	113	106
AT-99-193-63446-2020	AT-99-193	1	113	12.6	111	3.8	105	4	108	4	102	114	107
AT-99-193-63447-2020	AT-99-193	1	114	12.6	111	3.8	104	3.9	107	4	102	117	107
AT-99-193-63448-2020	AT-99-193	1	115	18	116	3.7	103	3.9	106	4	102	118	108
AT-99-193-63449-2020	AT-99-193	1	111	16.2	114	3.8	104	3.9	107	4	102	111	108
AT-99-193-63450-2020	AT-99-193	1	105		(104)	3.9	103	3.9	106	1	82	110*	99
AT-99-193-63451-2020	AT-99-193	1	113	10.8	109	3.7	104	3.9	107	4	102	116	106
AT-99-193-63452-2020	AT-99-193	1	111	6	104	3.3	100	3.8	105	4	101	116	103
AT-99-193-63453-2020-K	AT-99-193	1	113	12.6	110	3.8	104	3.8	106	4	102	116	106
AT-99-193-63454-2020	AT-99-193	1	115	13.8	112	3.8	105	4	108	4	102	119	108
AT-99-193-61195-2020	AT-99-362	1	111		109		102		108		99	114	105
AT-99-193-61196-2020	AT-99-362	1	109		110		97		99		104	112	103
AT-99-193-61197-2020	AT-99-362	1	110		110		102		108		99	111	105
AT-99-193-61198-2020	AT-99-362	1	110		110		102		108		99	112*	105
AT-99-193-62209-2020	AT-99-601	1	111		109		111		113		103	107	110
AT-99-193-61333-2020	AT-99-691	1	116		114		110		113		104	114	112
AT-99-193-61533-2020	DE-4-54	1	111		112		101		105		100	(114)	105
AT-99-193-61534-2020	DE-4-54	1	111		111		102		104		99	(114)	104
AT-99-193-61535-2020	DE-4-54	1	109		107		100		102		98	(114)	102
AT-99-193-61536-2020	DE-4-54	1	112		112		103		107		101	(114)	107
AT-99-193-61537-2020	DE-4-54	1	113		108		108		111		101	(114)	108
AT-99-193-61538-2020	DE-4-54	1	113		107		107		110		102	(114)	108
AT-99-193-62506-2020**	DE-13-376	1	111		(110)		(103)		(107)		(100)	(114)	106
AT-99-193-61994-2020	UA-2-5	1	111		109		103		106		99	(114)	105
AT-99-193-61995-2020	UA-2-5	1	112		110		106		109		101	(114)	107

Only one Varroa trait was recorded

Colony without performance tests