

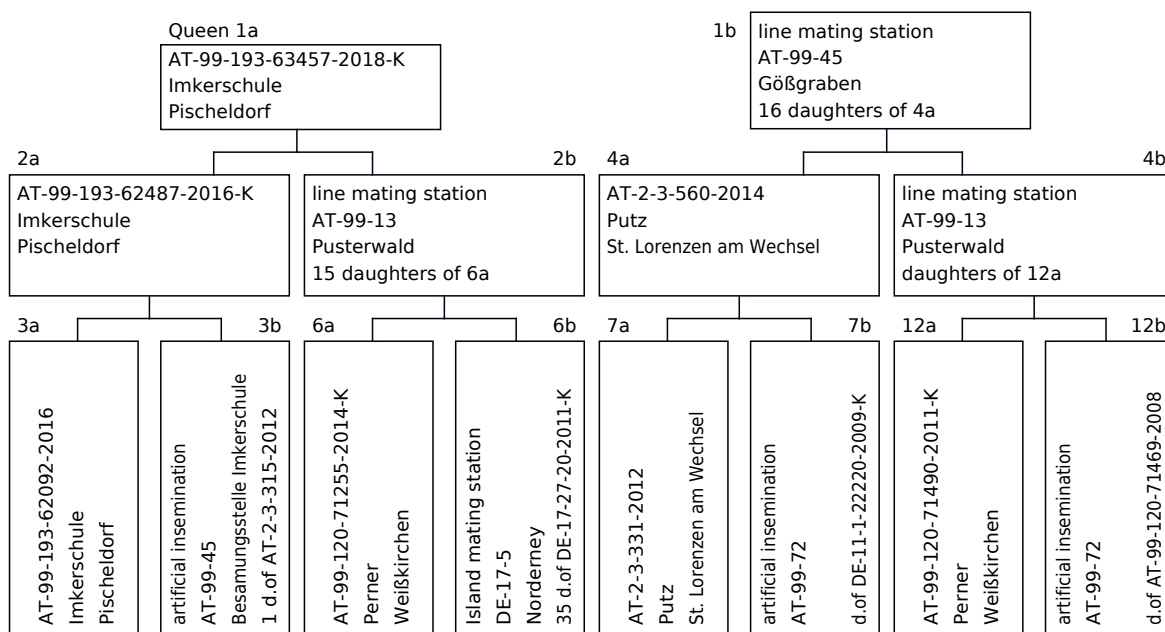
# Breeding selection report

## AT-99-193-63457-2018-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-99-193-63457-2018-K**

Race line: Sign: red 79 Daughters of Queen: 2.3%  
Generation: Hatch date: 16.07.2018 Workers: 2.1%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 7			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	42.7	125.6	2	27	34.0
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	117			
Honey yield	-	112			0.36
Defensive behavior	3.90	102			0.5
Steadiness on comb	3.90	102			0.5
Swarming drive	4	108			0.37
Varroa	-	121			0.26
Performance index	-	107			0.42
Robustness in winter	4		70%	100%	170%
Development in Spring	3.90				
Colony strength	3.80				

<sup>1</sup>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.

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### Performance of the sisters

Amount of checked sisters: 21

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-99-193-62176-2018	AT-99-104	1	111		109		109		109		109	115	102
AT-99-193-62175-2018	AT-99-169	1	110		107		94		94		106	117	100
AT-99-193-63455-2018	AT-99-193	1	113	41	112	3.9	102	3.9	102	4	108	114	107
AT-99-193-63457-2018-K	AT-99-193	1	117	42.7	112	3.9	102	3.9	102	4	108	121	107
AT-99-193-63458-2018-K	AT-99-193	1	116	29.6	106	3.9	103	3.9	102	4	108	122	105
AT-99-193-63460-2018	AT-99-193	1	110	38.5	110	3.8	101	3.8	100	4	108	110	105
AT-99-193-63461-2018	AT-99-193	1	112	38.6	110	3.5	97	3.6	97	4	108	115	103
AT-99-193-63465-2018	AT-99-193	1	116	40.9	112	3.7	101	3.9	101	4	109	120	106
AT-99-193-63466-2018	AT-99-193	1	109		(106)	3.9	102	3.9	101	1	92	(115)	100
AT-99-193-63469-2018	AT-99-193	1	114	37	110	3.9	103	3.9	102	4	108	117	106
AT-99-193-63490-2018	AT-99-193	1	109		(106)	4	103	3.9	102	1	92	(115)	100
AT-99-193-62179-2018**	AT-99-209	1	112		(108)		(101)		(101)		(105)	(115)	104
AT-99-193-62178-2018	AT-99-364	2	109		105		97		93		104	116	99
AT-99-193-61572-2018	AT-99-678	1	111		105		103		100		101	114	102
AT-99-193-61573-2018	AT-99-678	1	119		111		116		114		108	116	113
AT-99-193-61574-2018	AT-99-678	1	112		111		94		96		113	115	104
AT-99-193-62762-2018	DE-10-33	1	112		113		102		100		104	(115)	105
AT-99-193-62763-2018	DE-10-33	1	112		107		102		101		105	(115)	104
AT-99-193-62764-2018	DE-10-33	1	111		109		98		99		105	(115)	103
AT-99-193-62765-2018	DE-10-33	1	112		112		99		100		106	(115)	104
AT-99-193-62766-2018	DE-10-33	1	112		109		102		100		105	(115)	104

Colony without performance tests