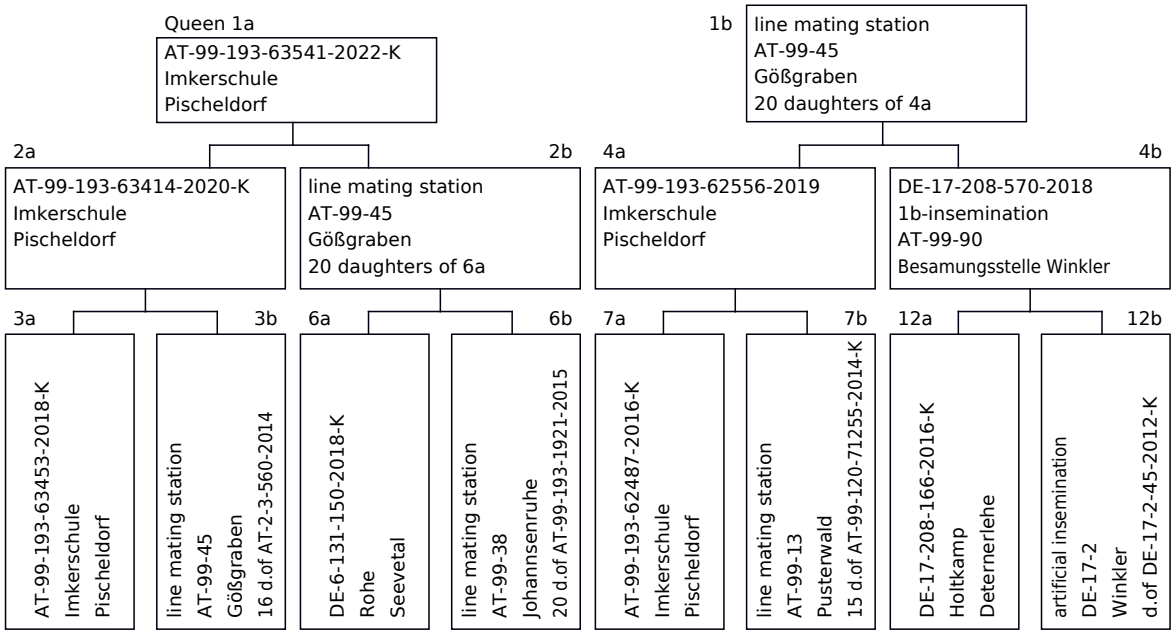
Breeding selection report
AT-99-193-63541-2022-K

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-99-193-63541-2022-K**	
		Daughters of
Race line:	Sign: yellow 45	Queen: 4.6%
Generation:	Hatch date: 18.07.2022	Workers: 2.2%

A. Pedigree



B. Own performance

	No. of the colony 153			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	50.2	133.2	2	34	37.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	105	
Honey yield	-	102	0.48
Defensive behavior	3.90	99	0.56
Steadiness on comb	3.90	99	0.55
Swarming drive	4	102	0.49
Varroa	-	108	0.49
Performance index	-	101	0.48
Robustness in winter	3		
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.

26.03.2025

For the correctness AT-99

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Performance of the sisters

Amount of checked sisters: 25

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
AT-99-193-63541-2022-K	AT-99-193	1	105	50.2	102	3.9	99	3.9	99	4	102	108	101
AT-99-193-63545-2022	AT-99-193	1	104	36.9	98	3.8	100	4	100	4	102	107	100
AT-99-193-63546-2022	AT-99-193	1	100	34	97	3.5	96	3.7	96	4	101	102	97
AT-99-193-63547-2022	AT-99-193	1	108	46	101	3.9	100	3.9	99	4	102	113	101
AT-99-193-63548-2022	AT-99-193	1	105	44.5	100	3.7	97	3.7	97	4	102	110	99
AT-99-193-63549-2022	AT-99-193	1	106	40.7	99	3.7	99	4	99	4	102	110	100
AT-99-193-63550-2022	AT-99-193	1	102	52.5	103	3.7	97	3.8	97	4	102	103	100
AT-99-193-63551-2022	AT-99-193	1	106	49	102	4	101	4	100	4	103	108	102
AT-99-193-63552-2022	AT-99-193	1	101	45.5	99	3.7	98	3.9	98	3	96	104	98
AT-99-193-63554-2022	AT-99-193	1	97	27	92	3	94	4	97	3	95	101	94
AT-99-193-63556-2022	AT-99-193	1	106	47	101	3.8	98	3.8	98	4	102	110	100
AT-99-193-63557-2022	AT-99-193	1	101	42.7	98	3	91	3.5	92	3	96	110	93
AT-99-193-63581-2022	AT-99-193	1	99	38.5	98	3	91	3.5	92	4	101	103	95
AT-99-193-63583-2022	AT-99-193	1	103	33.5	97	3.8	100	4	100	4	101	106	99
AT-99-193-61922-2022	AT-99-684	1	103		102		99		99		102	104	101
AT-99-193-61838-2022	DE-1-33	1	102		94		98		98		99	(106)	97
AT-99-193-61839-2022	DE-1-33	1	102		95		98		98		99	(106)	97
AT-99-193-61840-2022	DE-1-33	1	102		94		98		98		99	(106)	97
AT-99-193-61841-2022	DE-1-33	1	102		94		98		98		99	(106)	97
AT-99-193-61842-2022	DE-1-33	1	103		98		98		97		100	(107)	98
AT-99-193-61843-2022	DE-1-33	1	103		101		97		97		101	(106)	99
AT-99-193-61844-2022	DE-1-33	1	103		100		97		97		101	(106)	99
AT-99-193-61845-2022	DE-1-33	1	103		94		100		100		100	(107)	98
AT-99-193-61491-2022	DE-4-301	1	104		101		98		98		102	106	100
AT-99-193-61492-2022	DE-4-301	1	103		101		97		97		101	106	99