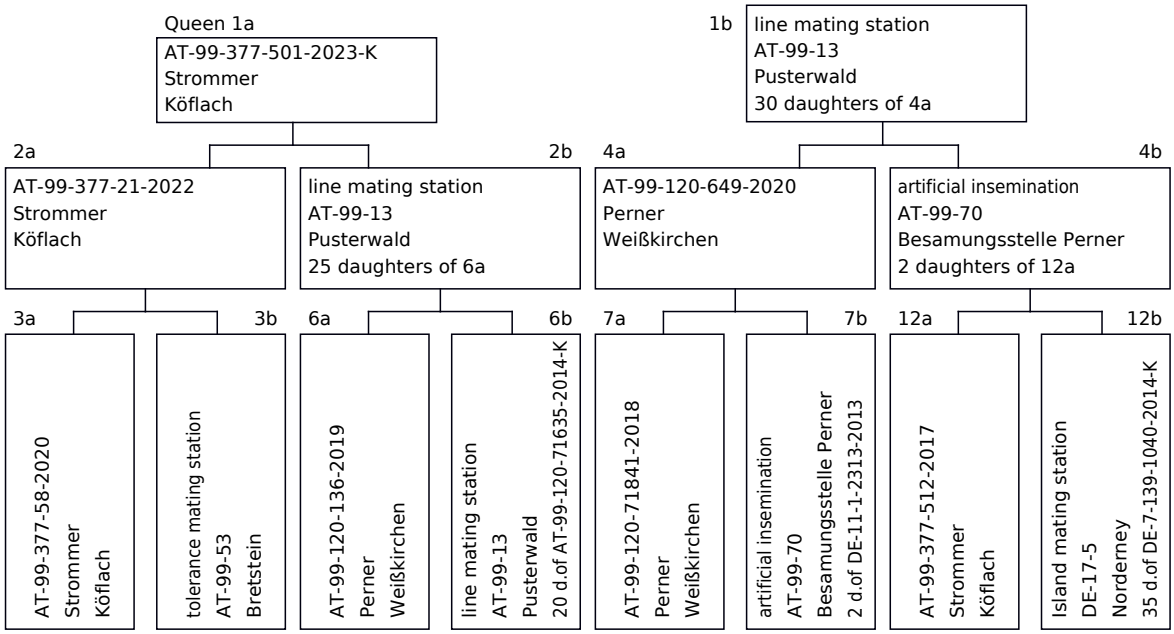
Breeding selection report
AT-99-377-501-2023-K

Tester of the queen:	Grüner, Harald, 8162 Passail, AT-99-888, Apiary 2	
Breeder of the queen:	Strommer, Harald, 8580 Köflach, AT-99-377	
1a Studbook number:	**AT-99-377-501-2023-K**	
		Daughters of
Race line:	Sign: red 70	Queen: 7.8%
Generation:	Hatch date:	Workers: 6.4%

A. Pedigree



B. Own performance

	No. of the colony 119			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	8	75.4	20	23	10.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	128	
Honey yield	-	110	0.53
Defensive behavior	3.90	115	0.61
Steadiness on comb	3.55	113	0.6
Swarming drive	4	107	0.44
Varroa	-	136	0.57
Performance index	-	113	0.53
Robustness in winter	3		
Development in Spring	4		
Colony strength			

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.

25.12.2025

For the correctness AT-99

Breeding selection report AT-99-377-501-2023-K

Page 2

Performance of the sisters

Amount of checked sisters: 7

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-99-377-601-2023	AT-99-99	3	130		114		115		114		109	138	115
AT-99-377-2-2023	AT-99-120	1	128		112		113		111		107	137	113
AT-99-377-4-2023	AT-99-139	1	125		109		116		114		107	131	114
AT-99-377-506-2023**	AT-99-208	1	128		(113)		(116)		(114)		(108)	(135)	115
AT-99-377-505-2023	AT-99-375	2	128		110		116		115		107	135	114
AT-99-377-501-2023-K	AT-99-888	2	128	8	110	3.9	115	3.6	113	4	107	136	113
AT-99-888-333-2023	AT-99-888	2	129	17	120	4	115	3.7	113	4	110	134	117

Colony without performance tests