

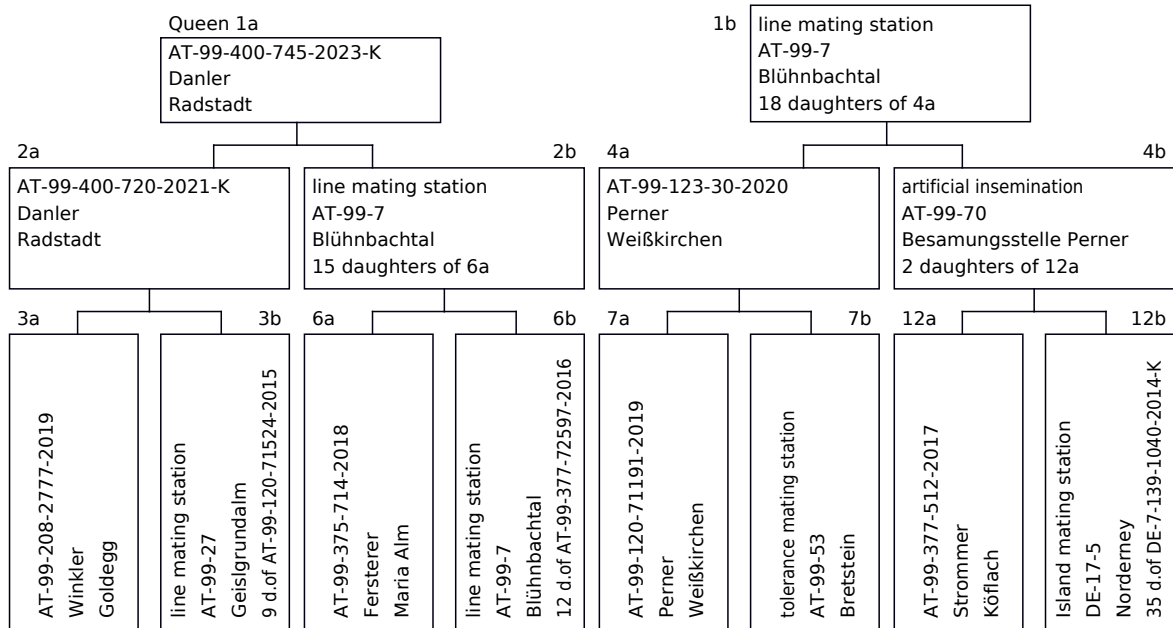
Breeding selection report

AT-99-400-745-2023-K

Tester of the queen: Danler, Andreas, 5550 Radstadt, AT-99-400, Apiary 1
 Breeder of the queen: Danler, Andreas, 5550 Radstadt, AT-99-400
1a Studbook number: **AT-99-400-745-2023-K**

Race line: -LeClaire Sign: red 45 Daughters of Queen: 1.9%
 Generation: 2 Hatch date: Workers: 4.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 21			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	56.9	113.9	4	18	50.0
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	114			
Honey yield	-	113			0.44
Defensive behavior	3.50	106			0.53
Steadiness on comb	3.50	106			0.52
Swarming drive	4	112			0.43
Varroa	-	112*			0.47
Performance index	-	111			0.44
Robustness in winter	4		70%	100%	170%
Development in Spring	2				
Colony strength	3				

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%.

Only one Varroa trait was recorded

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report AT-99-400-745-2023-K

Page 2

Performance of the sisters

Amount of checked sisters: 8

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-99-400-744-2023	AT-99-400	1	107	53.6	113	3.5	106	3.5	106	4	112	98*	111
AT-99-400-745-2023-K	AT-99-400	1	114	56.9	113	3.5	106	3.5	106	4	112	112*	111
AT-99-400-746-2023	AT-99-400	1	107	51.4	112	3.5	106	3.4	105	4	112	100*	110
AT-99-400-747-2023	AT-99-400	1	108	48.6	111	3.5	107	3.5	106	4	112	100*	111
AT-99-400-748-2023	AT-99-400	1	111	56.6	113	3.3	105	3.5	105	4	112	107*	111
AT-99-400-749-2023	AT-99-400	1	111	62.5	115	3.5	106	3.5	106	4	112	105*	112
AT-99-400-750-2023	AT-99-400	1	111	17.3	102	3.5	108	3.5	108	3	104	112*	106
AT-99-400-710-2023	AT-99-400	2	114	75.4	116	3.5	107	3.5	106	4	112	111*	112

Only one Varroa trait was recorded