

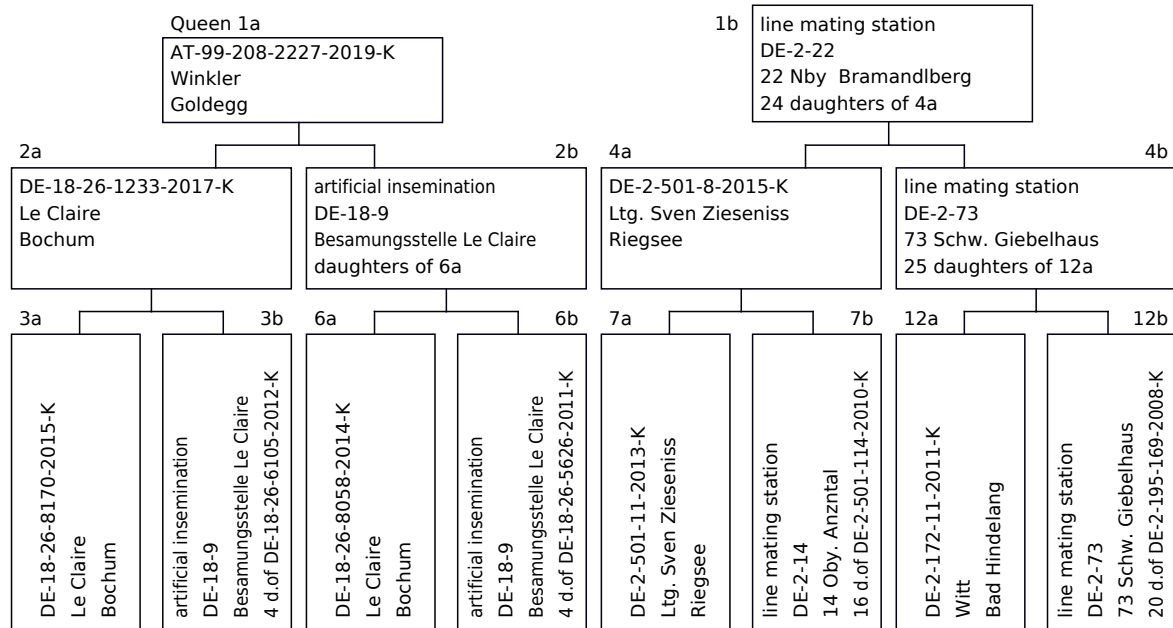
Breeding selection report

AT-99-208-2227-2019-K

Tester of the queen: Winkler, Christian, 5622 Goldegg, AT-99-208, Apiary 1
 Breeder of the queen: Winkler, Christian, 5622 Goldegg, AT-99-208
1a Studbook number: **AT-99-208-2227-2019-K**

Race line: Sign: green Daughters of Queen: 2.7%
 Generation: Hatch date: Workers: 0.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	22	131.6	1	14	16.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	110			
Honey yield	-	117			0.39
Defensive behavior	3.80	110			0.49
Steadiness on comb	3.80	113			0.49
Swarming drive	3.90	100			0.4
Varroa	-	103			0.42
Performance index	-	112			0.39
Robustness in winter	3.80		70%	100%	170%
Development in Spring	3.80				
Colony strength	3.80				

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%.

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: 5

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 ndex
AT-99-208-2212-2019	AT-99-208	1	108	17	114	3.4	109	3.6	109	3.8	100	104	109
AT-99-208-2216-2019	AT-99-208	1	106	14	112	3.4	106	3.5	109	3.8	99	100	108
AT-99-208-2227-2019-K	AT-99-208	1	110	22	117	3.8	110	3.8	113	3.9	100	103	112
AT-99-208-2228-2019-K	AT-99-208	1	108	18	115	3.5	107	3.6	110	3.8	100	103	109
AT-99-208-2229-2019-K	AT-99-208	1	109	20	116	3.6	108	3.7	111	3.8	100	103	110