

# Breeding selection report

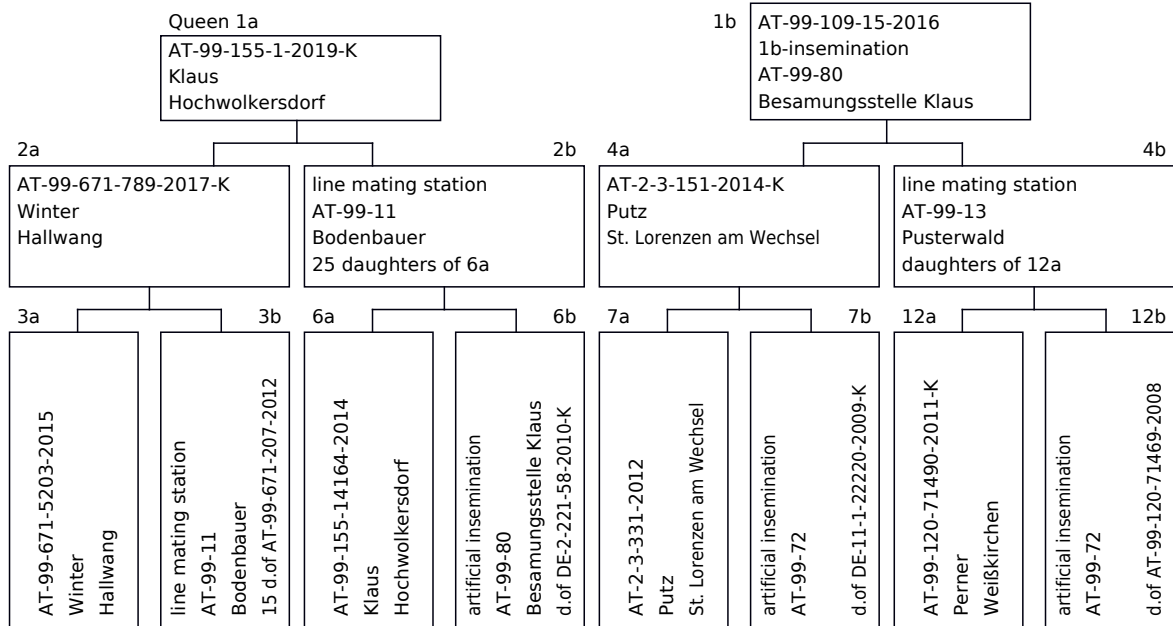
## AT-99-155-1-2019-K

Tester of the queen: Klaus, Franz, 2802 Hochwolkersdorf, AT-99-155, Apiary 6  
 Breeder of the queen: Klaus, Franz, 2802 Hochwolkersdorf, AT-99-155  
**1a** Studbook number: **AT-99-155-1-2019-K**

Race line: Sign: green 5  
 Generation: 1 Hatch date: 08.6.2019

Daughters of Queen: 3.1%  
 Workers: 3.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 14024			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	27.7	110.3	7	15	25.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	131			
Honey yield	-	104			0.4
Defensive behavior	4	127			0.56
Steadiness on comb	4	125			0.56
Swarming drive	4	112			0.28
Varroa	-	134			0.48
Performance index	-	120			0.41
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	4				

<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: 7

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-99-155-1-2019-K	AT-99-155	6	131	27.7	104	4	127	4	125	4	112	134	120
AT-99-155-14001-2019	AT-99-155	6	122	29.8	105	3	116	4	119	4	111	123	115
AT-99-155-14009-2019	AT-99-155	6	127	25.7	102	4	125	4	123	4	111	130	118
AT-99-155-14047-2019	AT-99-155	6	122	23.2	101	3	117	4	119	4	111	125	114
AT-99-671-8013-2019	AT-99-671	1	121		109		121		122		108	119	117
AT-99-671-8010-2018	AT-99-671	1	120		111		121		122		112	114	119
AT-99-671-8011-2018	AT-99-671	1	119		107		121		121		112	114	118