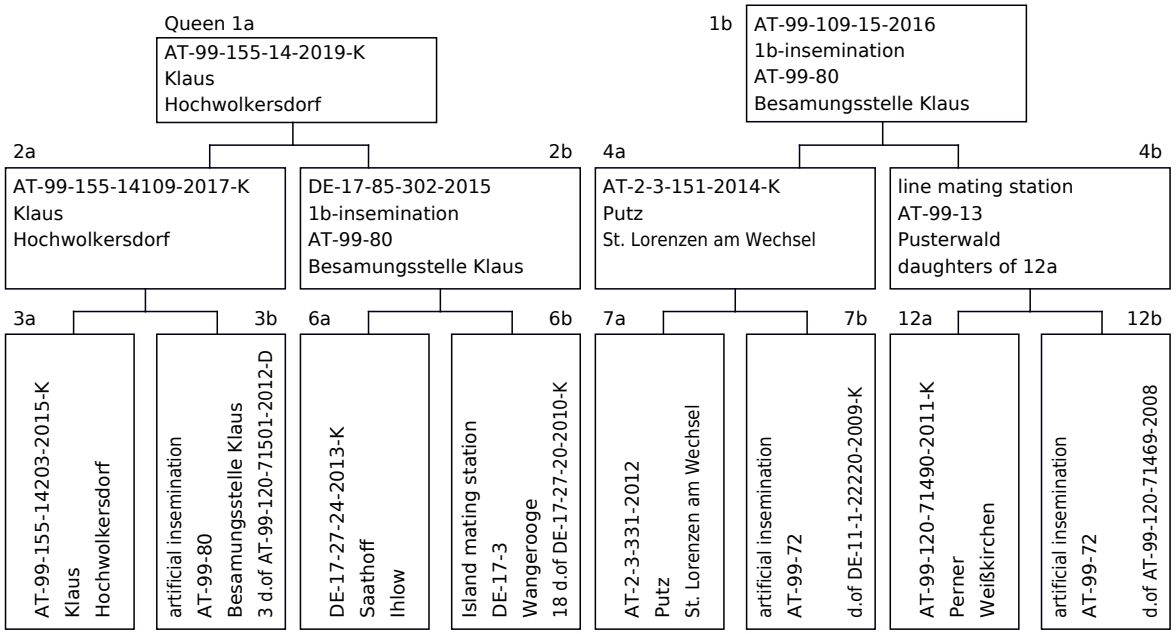
Breeding selection report
AT-99-155-14-2019-K

Tester of the queen:	Klaus, Franz, 2802 Hochwolkersdorf, AT-99-155, Apiary 1	
Breeder of the queen:	Klaus, Franz, 2802 Hochwolkersdorf, AT-99-155	
1a Studbook number:	**AT-99-155-14-2019-K**	
		Daughters of
Race line:	Sign: green 60	Queen: 1.3%
Generation: 1	Hatch date: 08.6.2019	Workers: 3.5%

A. Pedigree



B. Own performance

	No. of the colony 122			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	27.5	132.3	4	12	20.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	126	
Honey yield	-	105	0.43
Defensive behavior	4	120	0.58
Steadiness on comb	4	115	0.58
Swarming drive	4	115	0.29
Varroa	-	130	0.51
Performance index	-	116	0.43
Robustness in winter	4		
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.

03.10.2021

For the correctness AT-99

Breeding selection report AT-99-155-14-2019-K

Page 2

Performance of the sisters

Amount of checked sisters: 6

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-99-109-3-2019	AT-99-109	2	123		(92)		114		110		116	131	110
AT-99-155-14-2019-K	AT-99-155	1	126	27.5	105	4	120	4	115	4	115	130	116
AT-99-155-17-2019	AT-99-155	1	126	27.3	105	4	120	4	115	4	115	130	116
AT-99-155-20-2019	AT-99-155	1	126	22.7	103	4	120	4	115	4	115	131	115
AT-99-155-15-2019	AT-99-155	6	126	16.1	104	4	122	4	117	4	116	(129)	117
AT-99-155-14279-2019	IT-20-70	1	124		100		112		107		113	134	109