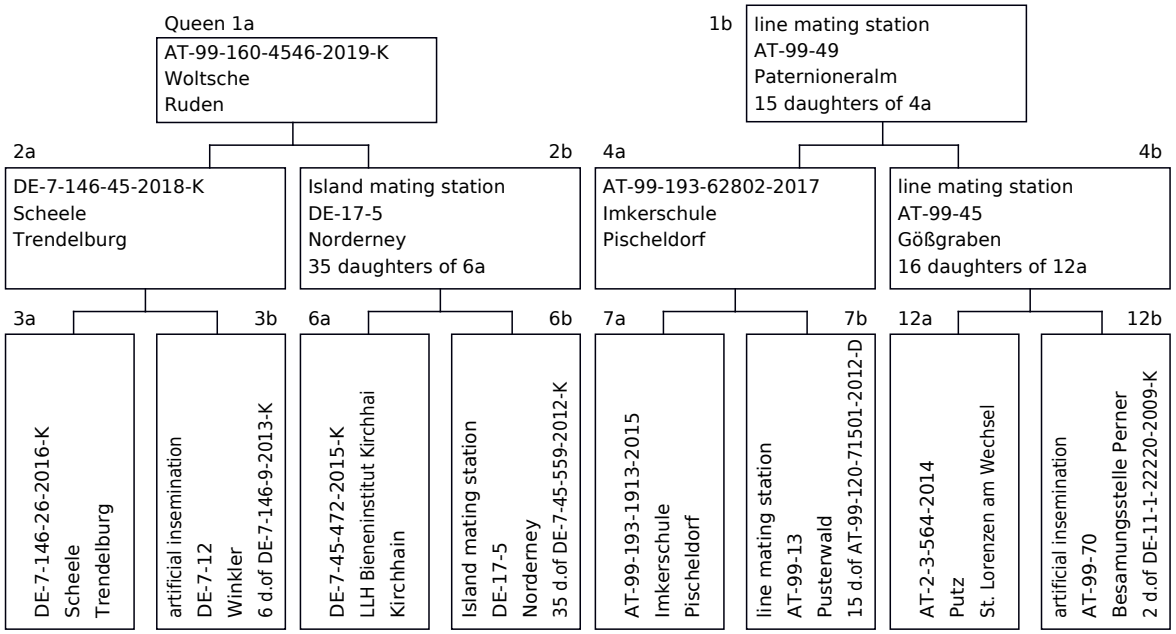
Breeding selection report
AT-99-160-4546-2019-K

Tester of the queen:	Woltsche, Herbert, 9113 Ruden, AT-99-160, Apiary 4	
Breeder of the queen:	Woltsche, Herbert, 9113 Ruden, AT-99-160	
1a Studbook number:	**AT-99-160-4546-2019-K**	
		Daughters of
Race line: -3	Sign: green	Queen: 1.1%
Generation: 1	Hatch date:	Workers: 1.4%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	13	100.6	11	21	12.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	116	
Honey yield	-	108	0.38
Defensive behavior	4	113	0.47
Steadiness on comb	4	115	0.47
Swarming drive	4	114	0.32
Varroa	-	113	0.42
Performance index	-	114	0.38
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.

30.12.2021

For the correctness AT-99

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Performance of the sisters

Amount of checked sisters: 14

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-99-160-4501-2019	AT-99-160	4	114	12	105	4	113	3.9	114	4	115	111	113
AT-99-160-4529-2019	AT-99-160	4	116	13	108	4	113	4	115	4	114	112	114
AT-99-160-4541-2019	AT-99-160	4	116	14	111	4	113	4	115	4	114	111	115
AT-99-160-4543-2019	AT-99-160	4	115	13	108	4	113	4	115	4	114	111	114
AT-99-160-4544-2019	AT-99-160	4	115	14	111	4	113	4	115	4	114	108	115
AT-99-160-4546-2019-K	AT-99-160	4	116	13	108	4	113	4	115	4	114	113	114
AT-99-160-4549-2019	AT-99-160	4	111	14	108	4	108	3	106	4	112	109	110
AT-99-160-4595-2019	AT-99-160	4	115	12.5	107	4	113	4	115	4	113	110	114
AT-99-160-45493-2019	AT-99-160	4	116	14	111	4	113	4	115	4	114	111	115
AT-99-160-45593-2019	AT-99-160	4	115	14	111	4	113	4	115	4	114	109	115
AT-99-160-45628-2019	AT-99-160	4	115	13	108	4	113	4	115	4	114	110	114
AT-99-160-45632-2019	AT-99-160	4	115	14	111	4	113	4	115	4	114	110	115
AT-99-160-45639-2019	AT-99-160	4	115	13	108	4	113	4	115	4	114	110	114
AT-99-160-45640-2019	AT-99-160	4	109	13	106	3	100	3	102	4	111	109	105