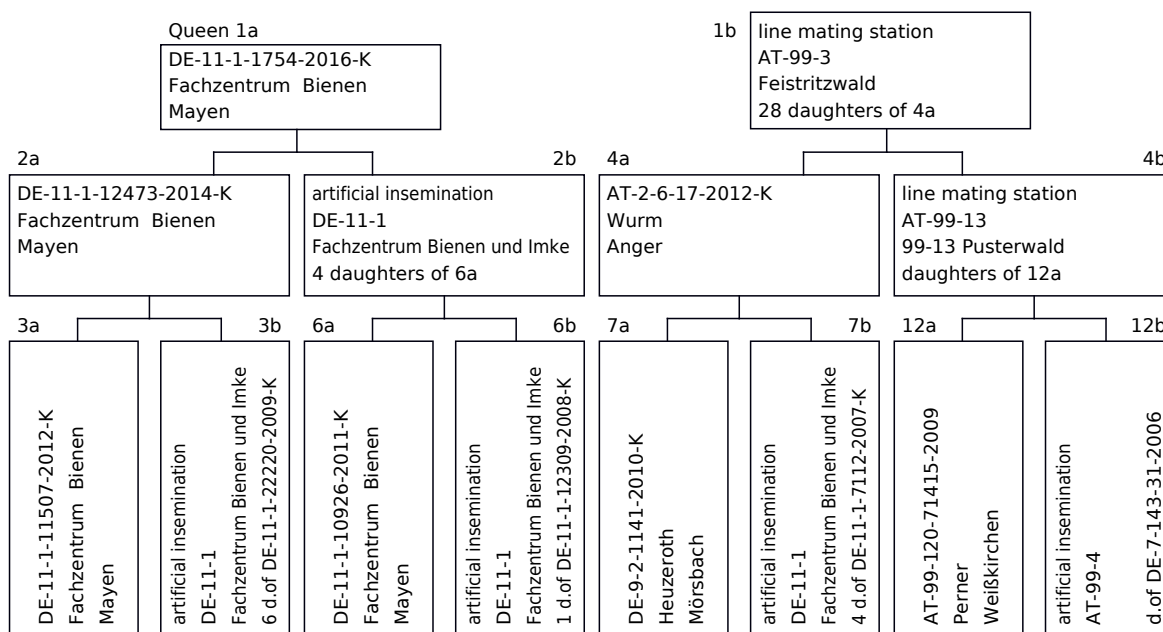


Breeding selection report

DE-11-1-1754-2016-K

Tester of the queen:	Wurm, Christoph, 8184 Anger, AT-2-6, Apiary 2	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	DE-11-1-1754-2016-K	
Race line:	Sign: white 54	Daughters of Queen: 6.8%
Generation:	Hatch date:	Workers: 2.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 65			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	63.4	162.4	2	20	39.0	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	112				
Honey yield	-	98				0.8
Defensive behavior	3.70	106				0.87
Steadiness on comb	3.70	103				0.87
Swarming drive	4	106				0.73
Varroa	-	115				
Performance index	-	104				0.8
Robustness in winter			70% 100% 170%			
Development in Spring						
Colony strength	4					

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

none Analysis of race characteristics

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.

Breeding selection report DE-11-1-1754-2016-K

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Performance of the sisters

Amount of checked sisters: 1

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
DE-11-1-1754-2016-K	AT-2-6	2	112	63.4	98	3.7	106	3.7	103	4	106	115	104

inspection