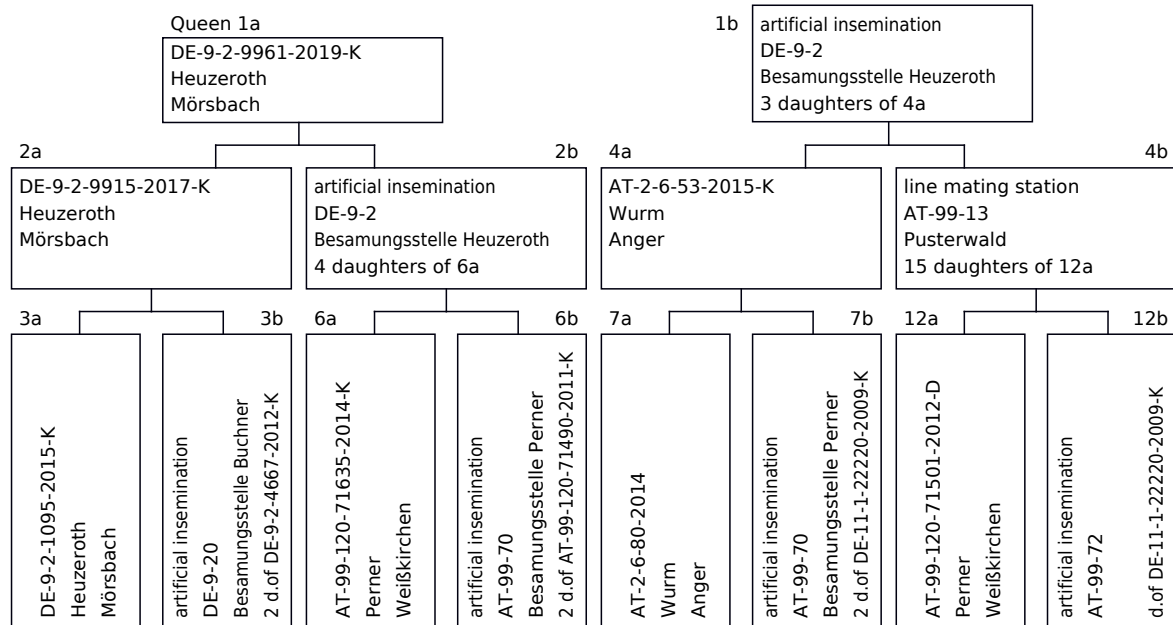


Tester of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2, Apiary 2  
 Breeder of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2  
**1a** Studbook number: **DE-9-2-9961-2019-K**

Race line: -AGT Sign: green 61 Daughters of Queen: 0.7%  
 Generation: 8 Hatch date: 12.06.2019 Workers: 5.6%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 68			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	47.2	113.8	3	9	41.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	126			
Honey yield	-	117			0.51
Defensive behavior	4	116			0.59
Steadiness on comb	3.90	116			0.59
Swarming drive	4	116			0.5
Varroa	-	125			0.55
Performance index	-	119			0.51
Robustness in winter			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.

# Breeding selection report DE-9-2-9961-2019-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 9

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 index
DE-9-2-9965-2019	AT-99-99	1	126		119							126	119
DE-9-2-9967-2019	DE-9-2	1	121	31.3	113	4	115	3.9	115	4	115	119	117
DE-9-2-9968-2019**	DE-9-2	1	123		(115)		(114)		(114)		(115)	(123)	117
DE-9-2-9961-2019-K	DE-9-2	2	126	47.2	117	4	116	3.9	116	4	116	125	119
DE-9-2-9962-2019	DE-9-2	3	120	27.3	111	3.8	112	3.7	112	3.8	113	121	114
DE-9-2-21-2019**	DE-9-2		122		(115)		(113)		(113)		(114)	(123)	116
DE-9-2-23-2019**	DE-9-2		122		(115)		(113)		(113)		(114)	(123)	116
DE-9-2-24-2019**	DE-9-2		122		(115)		(113)		(113)		(114)	(123)	116
DE-9-2-9969-2019-K	DE-12-1	2	128		122		120		120		116	125	122

Colony without performance tests