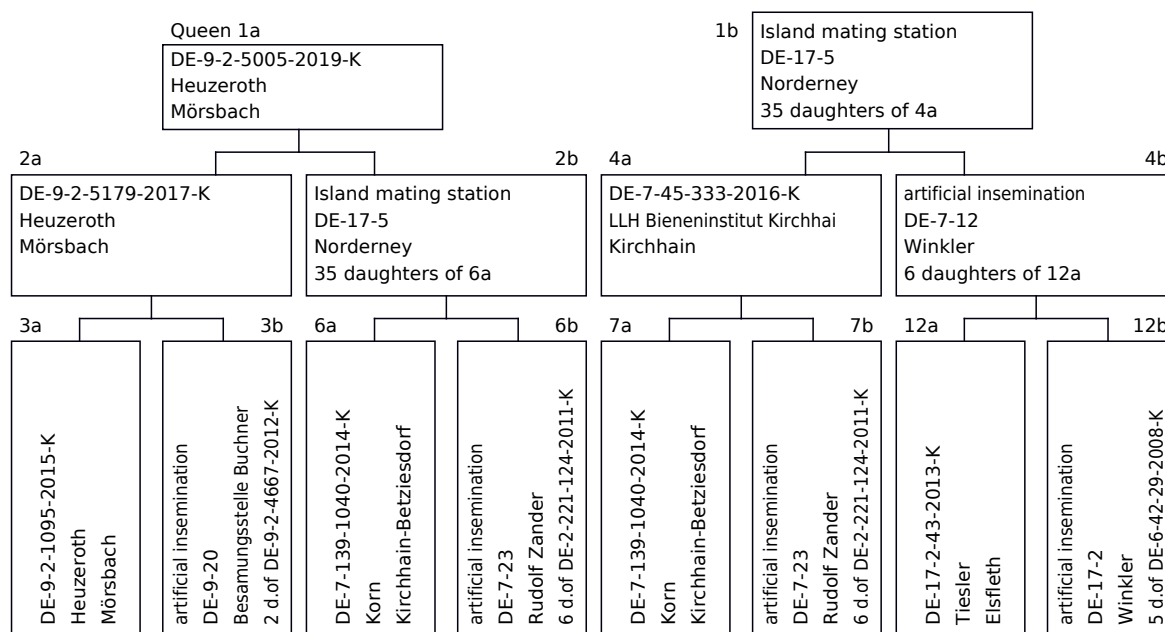


Tester of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2, Apiary 1  
 Breeder of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2  
**1a** Studbook number: **DE-9-2-5005-2019-K**

Race line: -AGT Sign: green 5 Daughters of Queen: 1.5%  
 Generation: 8 Hatch date: 30.06.2019 Workers: 6.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 26			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	44.9	123.6	2	7	36.3
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	121			
Honey yield	-	115			0.5
Defensive behavior	4	115			0.57
Steadiness on comb	4	113			0.57
Swarming drive	4	111			0.5
Varroa	-	121			0.53
Performance index	-	116			0.5
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-9-2-5005-2019-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 8

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-9-2-5004-2019	DE-9-2	1	117	29.7	110	3.7	108	3.7	108	3.6	108	119	111
DE-9-2-5005-2019-K	DE-9-2	1	121	44.9	115	4	115	4	113	4	111	121	116
DE-9-2-5006-2019-K	DE-9-2	1	120	44.7	115	3.9	114	3.9	111	4	111	120	115
DE-9-2-5002-2019	DE-9-2	2	114	37.7	110	3.4	108	3.4	106	2.5	104	116	108
DE-9-2-5007-2019	DE-9-2	2	113	20	104	3.6	111	3.5	108	2	101	115	107
DE-9-2-5001-2019	DE-9-2	3	119	30.1	114	3.9	113	3.8	110	4	110	119	114
DE-9-2-5010-2019	DE-9-2	3	120	30.5	115	3.9	113	3.9	111	4	110	120	114
DE-9-2-5008-2019	DE-12-1	2	116		110		105		102		108	121	107