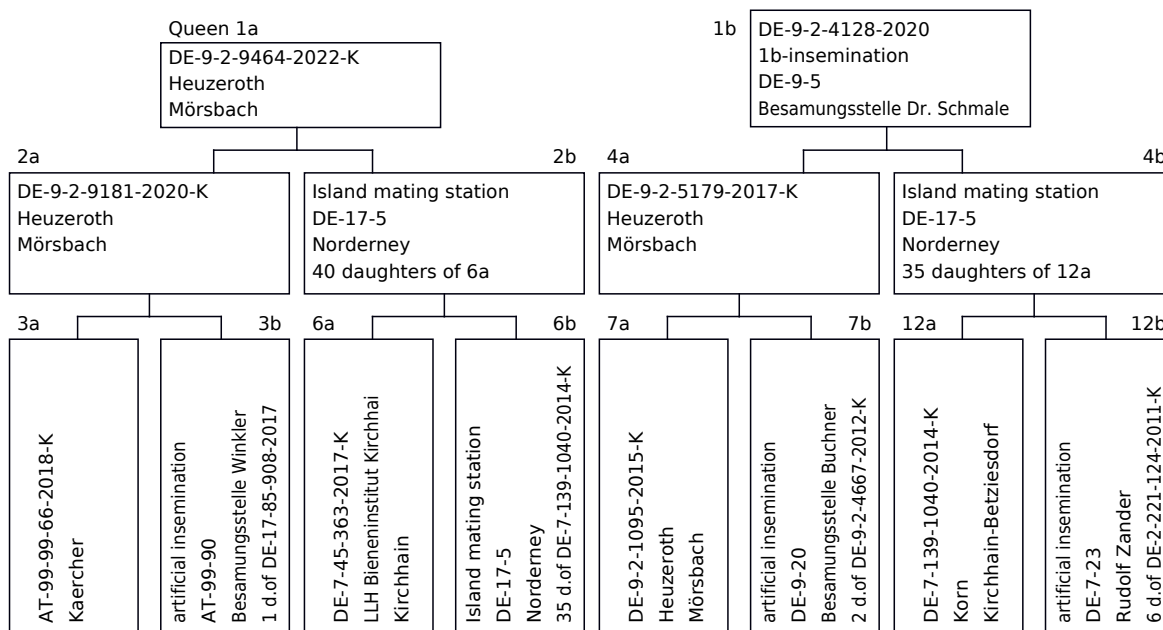


Tester of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2, Apiary 1  
 Breeder of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2  
**1a** Studbook number: **DE-9-2-9464-2022-K**

Race line: -AGT Sign: yellow 64 Daughters of Queen: 2.2%  
 Generation: 2 Hatch date: 12.06.2022 Workers: 4.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 29			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	87.2	116.7	4	11	74.7
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	126			
Honey yield	-	115			0.45
Defensive behavior	4	125			0.57
Steadiness on comb	4	126			0.58
Swarming drive	3.90	125			0.51
Varroa	-	116			0.54
Performance index	-	127			0.45
Robustness in winter	4		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-9-2-9464-2022-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 7

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-9-2-9464-2022-K	DE-9-2	1	126	87.2	115	4	125	4	126	3.9	125	116	127
DE-9-2-9465-2022-K	DE-9-2	1	125	84.2	115	4	125	4	126	4	126	113	127
DE-9-2-9462-2022-K	DE-9-2	2	126	83.2	114	3.9	125	3.9	125	4	124	115	126
DE-9-2-9466-2022-K	DE-9-2	2	126	84.6	114	3.9	125	3.9	125	4	124	116	126
DE-9-2-9459-2022	DE-9-2	3	125	78.3	114	3.9	123	3.8	123	4	125	115	125
DE-9-2-9460-2022	DE-9-2	3	119	70	111	3.3	115	3.1	114	4	123	113	118
DE-9-2-9402-2022	IT-20-236	1	120		108		126		125		122	108*	124

Only one Varroa trait was recorded