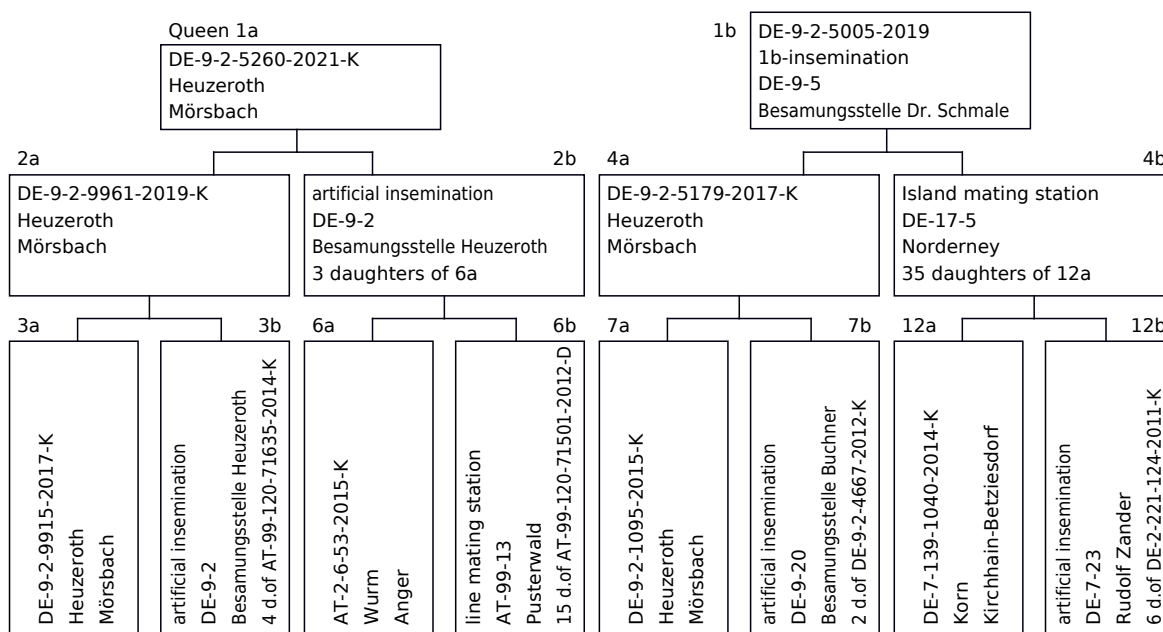


Tester of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2, Apiary 1
 Breeder of the queen: Heuzeroth, Siegfried, 57629 Mörsbach, DE-9-2
1a Studbook number: **DE-9-2-5260-2021-K**

Race line: -AGT-SMR Sign: white 60 Daughters of Queen: 5.6%
 Generation: 9 Hatch date: 16.06.2021 Workers: 4.3%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony 35 | | | comparable colonies at the apiary | |
|---|----------------------|-----------------|---------|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 88.1 | 126.9 | 3 | 10 | 69.4 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 127 | | | |
| Honey yield | - | 119 | | | 0.4 |
| Defensive behavior | 3.90 | 118 | | | 0.53 |
| Steadiness on comb | 3.90 | 119 | | | 0.53 |
| Swarming drive | 4 | 119 | | | 0.46 |
| Varroa | - | 126 | | | 0.48 |
| Performance index | - | 122 | | | 0.4 |
| Robustness in winter | 4 | | 70% | 100% | 170% |
| Development in Spring | 4 | | | | |
| 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

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-9-2-5260-2021-K

Page 2

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 index |
|--------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|--------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|-------------------|
| DE-9-2-5260-2021-K | DE-9-2 | 1 | 127 | 88.1 | 119 | 3.9 | 118 | 3.9 | 119 | 4 | 119 | 126 | 122 |

inspection