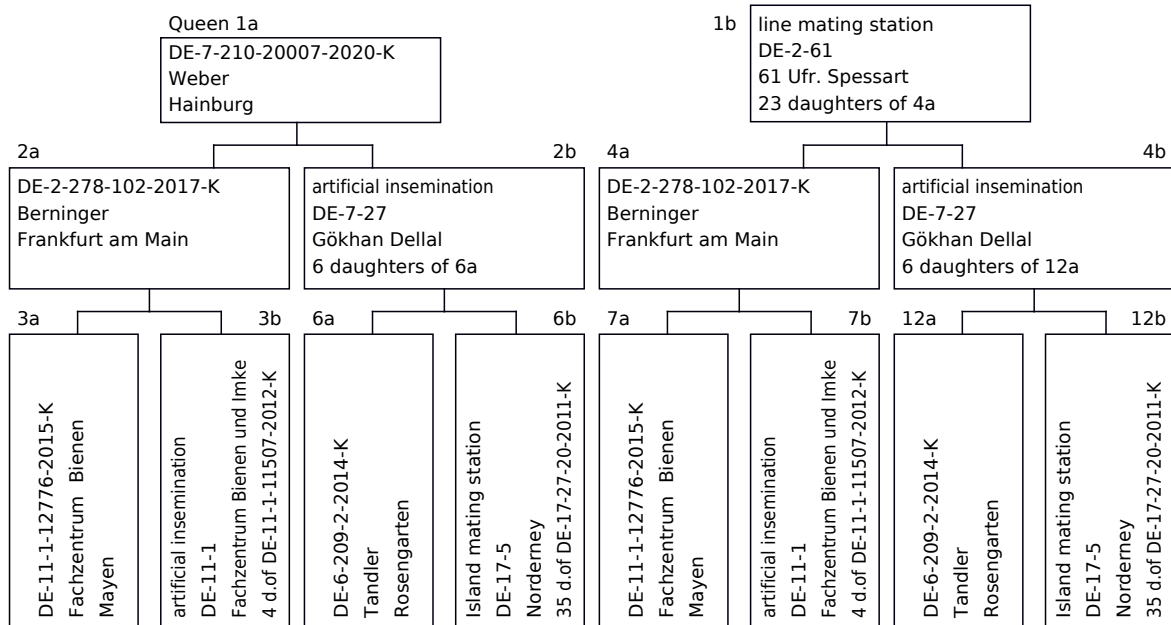


Tester of the queen: Weber, Christian, 63512 Hainburg, DE-7-210, Apiary 1
 Breeder of the queen: Weber, Christian, 63512 Hainburg, DE-7-210
1a Studbook number: **DE-7-210-20007-2020-K**

Race line: Sign: blue 7
 Generation: Hatch date: 03.07.2020

Daughters of Queen: 1.1%
 Workers: 21.7%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | |
|---|-------------------|-----------------|---------|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 20 | 110.8 | 2 | 9 | 18.1 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 120 | | | |
| Honey yield | - | 132 | | | 0.53 |
| Defensive behavior | 4 | 124 | | | 0.63 |
| Steadiness on comb | 3.50 | 121 | | | 0.63 |
| Swarming drive | 4 | 109 | | | 0.58 |
| Varroa | - | (106) | | | 0.5 |
| Performance index | - | 125 | | | 0.53 |
| Robustness in winter | 3 | | 70% | 100% | 170% |
| Development in Spring | 3 | | | | |
| Colony strength | 3 | | | | |

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-7-210-20007-2020-K

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Performance of the sisters

Amount of checked sisters: 5

| 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-2-278-40-2020 | DE-2-278 | 2 | 115 | | 134 | | 118 | | 117 | | 102 | 101 | 122 |
| DE-2-278-47-2020 | DE-2-278 | 2 | 115 | | 131 | | 118 | | 117 | | 102 | 104 | 119 |
| DE-2-278-64-2020 | DE-2-278 | 2 | 119 | | 128 | | 119 | | 117 | | 108 | 110 | 121 |
| DE-7-210-20006-2020 | DE-7-210 | 1 | 118 | 20 | 130 | 4 | 123 | 3.5 | 121 | 2.8 | 102 | (106) | 122 |
| DE-7-210-20007-2020-K | DE-7-210 | 1 | 120 | 20 | 132 | 4 | 124 | 3.5 | 121 | 4 | 109 | (106) | 125 |