DEUTSCHER IMKERBUND E.V.

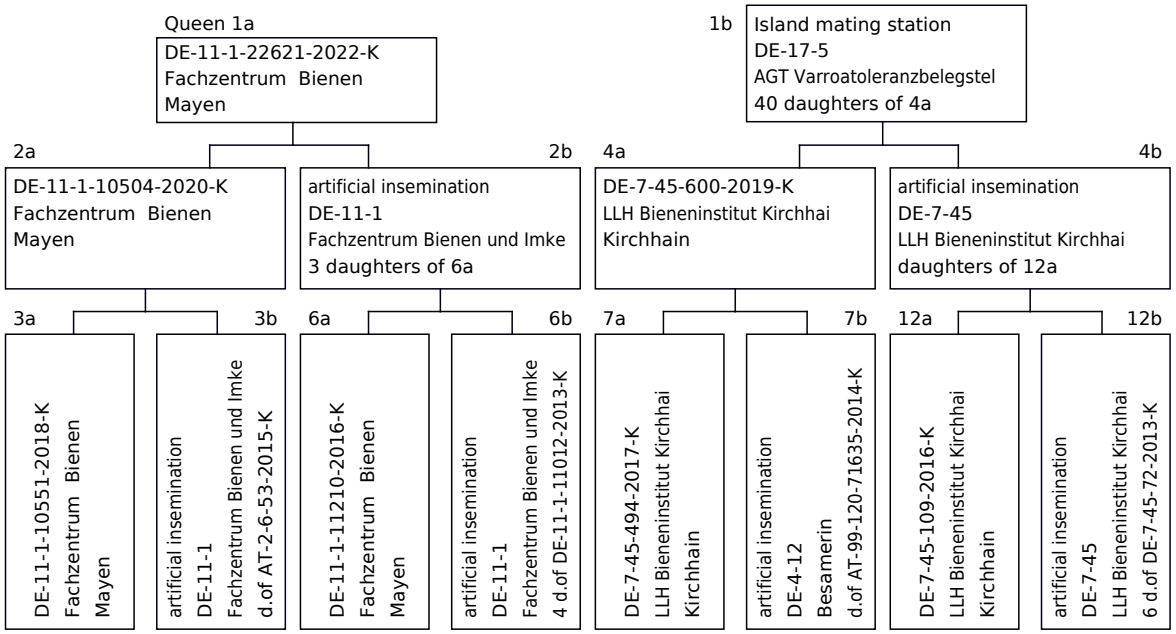
# Breeding selection report
# DE-11-1-22621-2022-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen: Bunsen, Jan Dirk, 67699 Heiligenmoschel, DE-11-171, Apiary 1
Breeder of the queen: Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1
**1a** Studbook number: **DE-11-1-22621-2022-K**

Race line: -72 | Sign: yellow 21 | Daughters of Queen: 6.8%
Generation: 16 | Hatch date: | Daughters of Workers: 2.5%

## A. Pedigree




## B. Own performance

| | No. of the colony 946 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 65.2 | 101.4 | 24 | 41 | 64.3 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 125 | |
| Honey yield | - | 104 | 0.5 |
| Defensive behavior | 4 | 117 | 0.59 |
| Steadiness on comb | 4 | 115 | 0.59 |
| Swarming drive | 4 | 129 | 0.55 |
| Varroa | - | 123 | 0.57 |
| Performance index | - | 119 | 0.5 |
| Robustness in winter | | | |
| Development in Spring | | | |
| Colony strength | | | |

70% 100% 170%

[1]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.

14.05.2024

For the correctness DE-11

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## Page 2

## Performance of the sisters

Amount of checked sisters: 11

| 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 during inspection | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-11-1-22741-2022-K | DE-11-1 | 10 | 122 | | 102 | | 110 | | 109 | | 124 | 124 | 113 |
| DE-11-1-22744-2022 | DE-11-1 | 16 | 118 | | 99 | | 110 | | 108 | | 124 | 119 | 112 |
| DE-11-1-22858-2022-K | DE-11-1 | 16 | 121 | | 102 | | 110 | | 109 | | 125 | 122 | 114 |
| DE-11-1-22735-2022-K | DE-11-1 | 31 | 118 | | 103 | | 110 | | 109 | | 124 | 116 | 113 |
| DE-11-1-22896-2022-K | DE-11-1 | 31 | 123 | | 100 | | 113 | | 111 | | 126 | 125 | 115 |
| DE-11-1-22733-2022 | DE-11-139 | 8 | 120 | | 101 | | 110 | | 107 | | 122 | 123* | 112 |
| DE-11-1-22621-2022-K | DE-11-171 | 1 | 125 | 65.2 | 104 | 4 | 117 | 4 | 115 | 4 | 129 | 123 | 119 |
| DE-11-1-22622-2022** | DE-11-171 | 1 | 120 | | (102) | | (110) | | (108) | | (124) | (121) | 113 |
| DE-11-1-22624-2022 | DE-11-171 | 1 | 124 | 75.3 | 107 | 3.8 | 114 | 4 | 113 | 4 | 129 | 122 | 119 |
| DE-11-1-22750-2022 | DE-11-201 | 4 | 122 | | (102) | | 119 | | 119 | | 113 | (121) | 115 |
| DE-11-1-22853-2022 | DE-11-201 | 4 | 117 | | 101 | | 103 | | 98 | | 128 | 121* | 109 |

Only one Varroa trait was recorded

Colony without performance tests