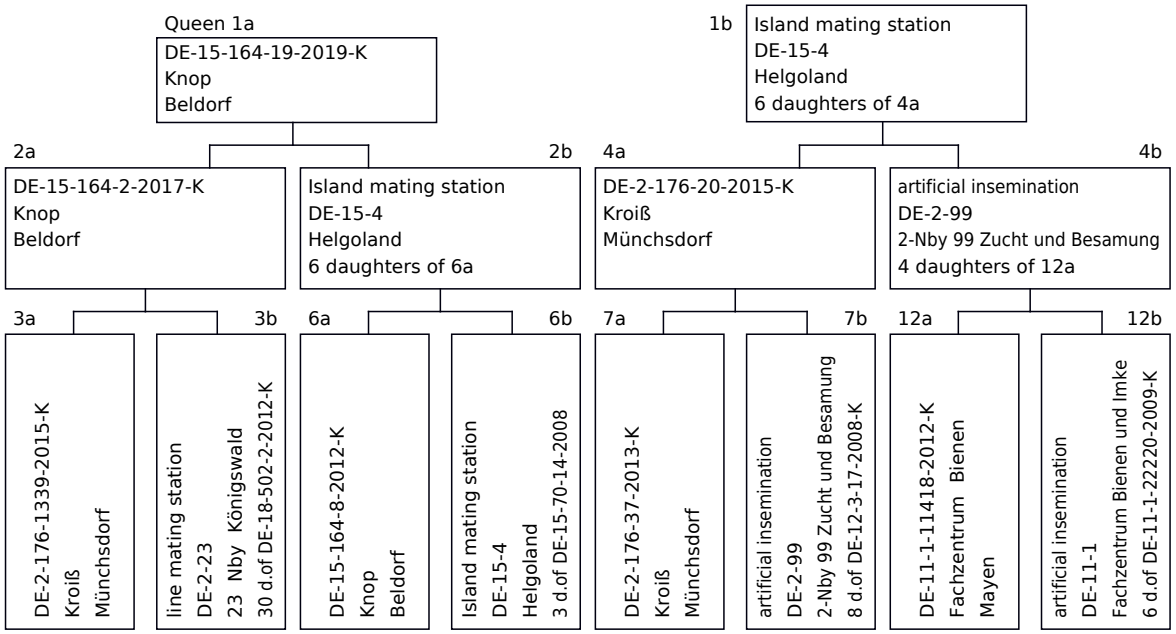
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-15-164-19-2019-K

| | | |
|---|---|---|
| Tester of the queen: | Knop, Carsten, 25557 Beldorf, DE-15-164, Apiary 1 | |
| Breeder of the queen: | Knop, Carsten, 25557 Beldorf, DE-15-164 | |
| **1a** Studbook number: | **DE-15-164-19-2019-K** | |
| | | Daughters of |
| Race line: -Ca | Sign: green 19 | Queen: 0.2% |
| Generation: | Hatch date: 27.05.2019 | Workers: 1.8% |

## A. Pedigree




## B. Own performance

| | No. of the colony SW8 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 74 | 112.2 | 1 | 15 | 65.9 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 115 | |
| Honey yield | - | 123 | 0.36 |
| Defensive behavior | 4 | 106 | 0.46 |
| Steadiness on comb | 4 | 106 | 0.46 |
| Swarming drive | 4 | 107 | 0.36 |
| Varroa | - | 112 | 0.39 |
| Performance index | - | 112 | 0.36 |
| Robustness in winter | 4 | | |
| Development in Spring | 4 | | |
| Colony strength | 4 | | |

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.

17.02.2021

For the correctness DE-15

# Breeding selection report DE-15-164-19-2019-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 6

| 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 | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-15-164-18-2019 | DE-15-164 | 1 | 113 | 71 | 121 | 3.9 | 105 | 3.9 | 105 | 3.8 | 105 | 111 | 110 |
| DE-15-164-19-2019-K | DE-15-164 | 1 | 115 | 74 | 123 | 4 | 106 | 4 | 106 | 4 | 107 | 112 | 112 |
| DE-15-164-20-2019 | DE-15-164 | 1 | 114 | 73 | 122 | 4.0 | 105 | 4.0 | 105 | 4 | 106 | 112 | 111 |
| DE-15-164-64-2019 | DE-15-164 | 1 | 111 | 65 | 117 | 3.8 | 104 | 3.8 | 103 | 3.6 | 104 | 110 | 108 |
| DE-15-164-68-2019 | DE-15-164 | 1 | 110 | 65 | 117 | 3.7 | 102 | 3.7 | 102 | 3.6 | 104 | 110 | 107 |
| DE-15-164-65-2019 | DE-15-164 | 2 | 111 | 71 | 116 | 3.9 | 103 | 3.8 | 102 | 3.8 | 104 | 110 | 107 |