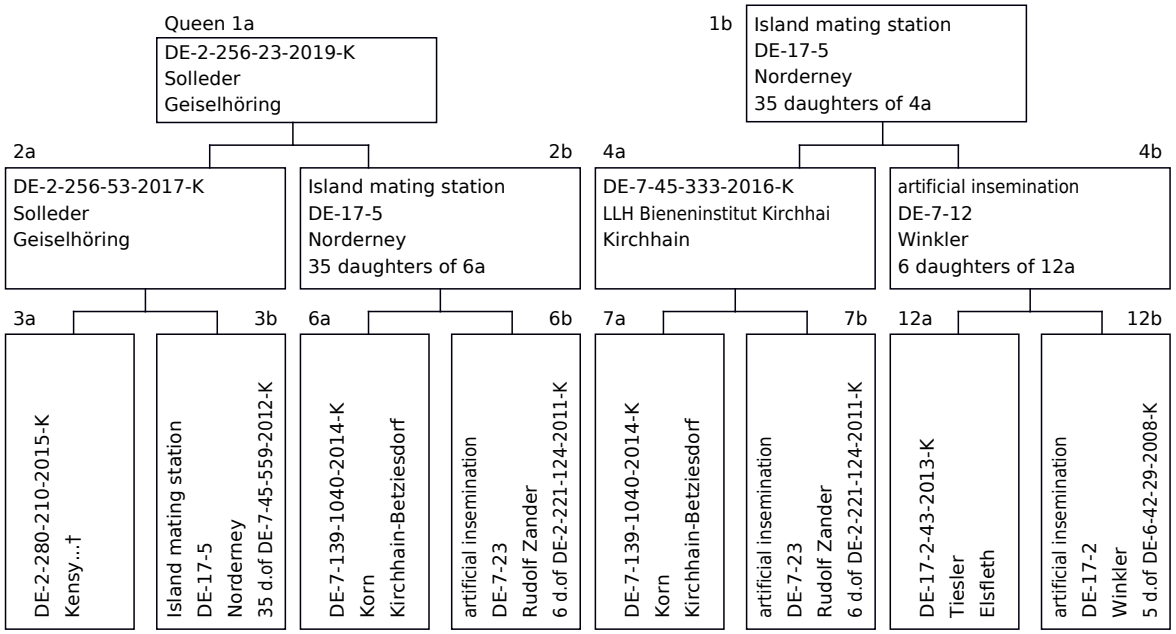
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-2-256-23-2019-K

LVBI

| | | |
|---|---|---|
| Tester of the queen: | Solleder, Anita & Werner, 94333 Geiselhöring, DE-2-256, Apiary 1 | |
| Breeder of the queen: | Solleder, Anita & Werner, 94333 Geiselhöring, DE-2-256 | |
| **1a** Studbook number: | **DE-2-256-23-2019-K** | |
| | | Daughters of |
| Race line: -Ca | Sign: green 23 | Queen: 1.7% |
| Generation: | Hatch date: 10.06.2019 | Workers: 6.4% |

## A. Pedigree




## B. Own performance

| | No. of the colony KA 23 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 36.5 | 167.4 | 3 | 22 | 21.8 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 118 | |
| Honey yield | - | 115 | 0.49 |
| Defensive behavior | 3.30 | 115 | 0.56 |
| Steadiness on comb | 3 | 111 | 0.55 |
| Swarming drive | 3.50 | 113 | 0.48 |
| Varroa | - | 114 | 0.51 |
| Performance index | - | 116 | 0.49 |
| Robustness in winter | 3 | | |
| Development in Spring | 3.20 | | |
| Colony strength | 3 | | |

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.

27.04.2021

For the correctness DE-2

# Breeding selection report DE-2-256-23-2019-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 10

| 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-2-256-23-2019-K | DE-2-256 | 1 | 118 | 36.5 | 115 | 3.3 | 115 | 3 | 111 | 3.5 | 113 | 114 | 116 |
| DE-2-256-28-2019-K | DE-2-256 | 1 | 118 | 28.5 | 112 | 3.5 | 117 | 3 | inspection 112 | 3.5 | 113 | 114 | 116 |
| DE-2-256-30-2019 | DE-2-256 | 1 | 118 | 23.5 | 110 | 3.5 | 117 | 3 | 112 | 3.5 | 113 | 115 | 115 |
| DE-2-256-31-2019-K | DE-2-256 | 1 | 117 | 14.5 | 108 | 3.5 | 118 | 3.2 | 114 | 3.5 | 113 | 113 | 115 |
| DE-2-256-33-2019-K | DE-2-256 | 1 | 118 | 42 | 117 | 3.5 | 117 | 3 | 112 | 3.5 | 113 | 112 | 117 |
| DE-2-256-35-2019 | DE-2-256 | 1 | 111 | 22.5 | 107 | 2.5 | 103 | 2 | 98 | 3.5 | 112 | 113 | 106 |
| DE-2-256-36-2019 | DE-2-256 | 1 | 113 | 16.5 | 108 | 3 | 113 | 3 | 110 | 3 | 110 | 109 | 112 |
| DE-2-256-38-2019 | DE-2-256 | 1 | 119 | 14.5 | 108 | 3.8 | 122 | 3.5 | 118 | 3.5 | 113 | 113 | 118 |
| DE-2-256-40-2019 | DE-2-256 | 1 | 119 | 23 | 111 | 3.5 | 119 | 3.3 | 115 | 3.5 | 113 | 116 | 117 |
| DE-2-256-43-2019 | DE-2-256 | 1 | 116 | 26 | 111 | 3 | 113 | 3 | 110 | 3 | 110 | 113 | 113 |