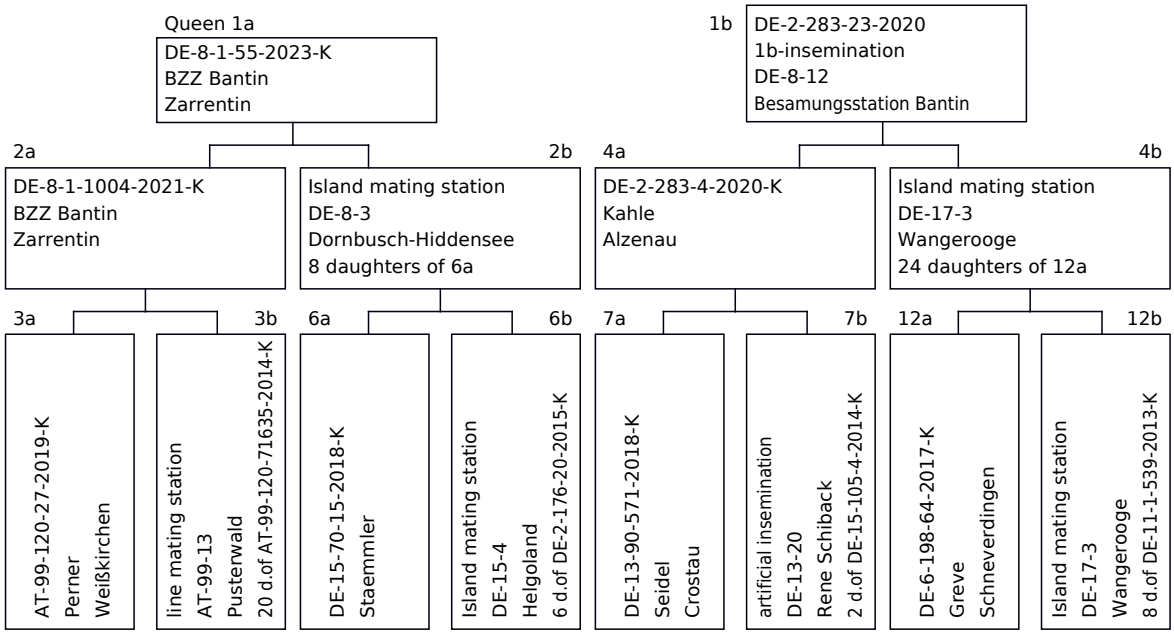
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-8-1-55-2023-K

| | | |
|---|---|---|
| Tester of the queen: | Prüfstelle des BZZ, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-2, Apiary 4 | |
| Breeder of the queen: | BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1 | |
| **1a** Studbook number: | **DE-8-1-55-2023-K** | |
| | | Daughters of |
| Race line: | Sign: red 74 | Queen: 0.9% |
| Generation: | Hatch date: | Workers: 1.0% |

## A. Pedigree




## B. Own performance

| | No. of the colony 188 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 113.4 | 115.7 | 2 | 9 | 98.0 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 113 | |
| Honey yield | - | 121 | 0.41 |
| Defensive behavior | 4 | 110 | 0.54 |
| Steadiness on comb | 4 | 112 | 0.53 |
| Swarming drive | 4 | 116 | 0.42 |
| Varroa | - | 101 | 0.43 |
| Performance index | - | 117 | 0.41 |
| Robustness in winter | | | |
| Development in Spring | 3.70 | | |
| Colony strength | 3.80 | | |

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.

19.03.2025

For the correctness DE-8

# Breeding selection report DE-8-1-55-2023-K

## Page 2

## 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 during inspection | Swarming drive | Breeding Value Swarming drive | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-8-1-58-2023 | DE-8-2 | 1 | 111 | 80.1 | 117 | 3.7 | 107 | 3.6 | 108 | 4 | 116 | 101 | 115 |
| DE-8-1-60-2023-K | DE-8-2 | 1 | 113 | 117.2 | 120 | 3.9 | 109 | 3.7 | 109 | 3 | 113 | 105 | 115 |
| DE-8-1-56-2023 | DE-8-2 | 2 | 109 | 93.2 | 119 | 4 | 111 | 3.9 | 112 | 3 | 113 | 96 | 116 |
| DE-8-1-57-2023 | DE-8-2 | 2 | 108 | 67.3 | 111 | 4 | 111 | 3.8 | 112 | 1 | 101 | (100) | 110 |
| DE-8-1-55-2023-K | DE-8-2 | 4 | 113 | 113.4 | 121 | 4 | 110 | 4 | 112 | 4 | 116 | 101 | 117 |