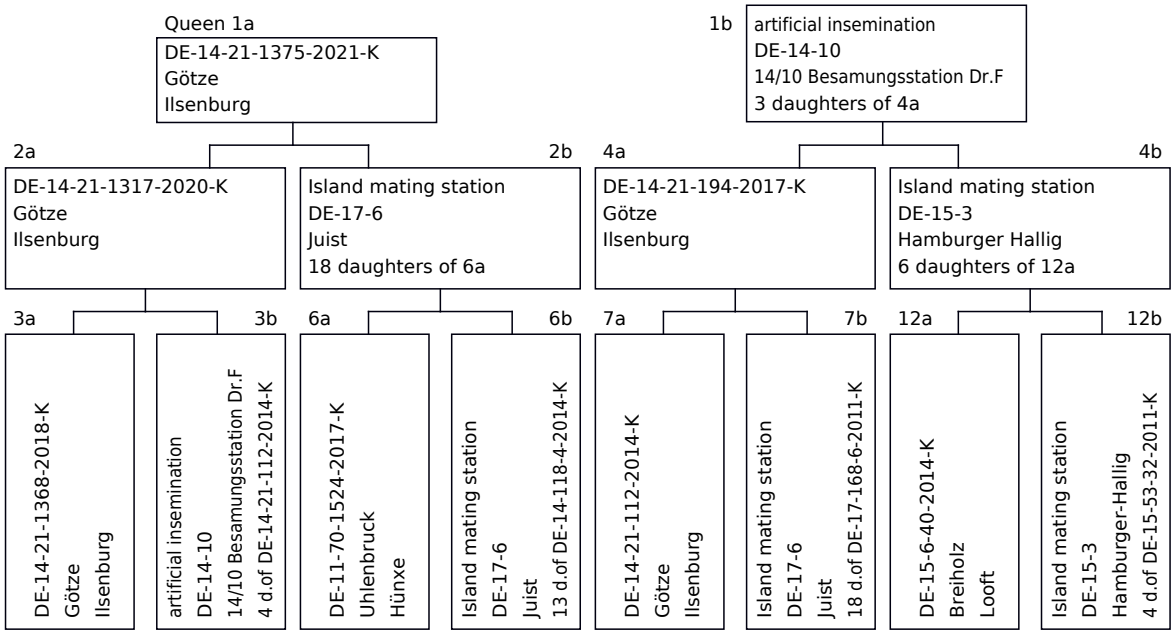
# Breeding selection report
# DE-14-21-1375-2021-K

| | | |
|---|---|---|
| Tester of the queen: | Götze, Wilfried, 38871 Ilsenburg, DE-14-21, Apiary 2 | |
| Breeder of the queen: | Götze, Wilfried, 38871 Ilsenburg, DE-14-21 | |
| **1a** Studbook number: | **DE-14-21-1375-2021-K** | |
| | | Daughters of |
| Race line: -13 | Sign: white 75 | Queen: 3.9% |
| Generation: 7 | Hatch date: 06.07.2021 | Workers: 5.1% |

## A. Pedigree




## B. Own performance

| | No. of the colony PL28 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 124 | 128.4 | 2 | 10 | 96.6 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 112 | |
| Honey yield | - | 120 | 0.39 |
| Defensive behavior | 4 | 112 | 0.49 |
| Steadiness on comb | 3.90 | 111 | 0.49 |
| Swarming drive | 4 | 109 | 0.37 |
| Varroa | - | 104* | 0.44 |
| Performance index | - | 115 | 0.39 |
| 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%.
Only one Varroa trait was recorded

## 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.

22.04.2023

For the correctness DE-14

# Breeding selection report DE-14-21-1375-2021-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 4

| 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-14-21-1372-2021 | DE-14-21 | 2 | 112 | 107.5 | 118 | 4 | 113 | 4 | 112 | 4 | 109 | 104* | 115 |
| DE-14-21-1374-2021 | DE-14-21 | 2 | 110 | 76 | 114 | 3.9 | 112 | 3.9 | 111 | 4 | 107 | 102* | 113 |
| DE-14-21-1375-2021-K | DE-14-21 | 2 | 112 | 124 | 120 | 4 | 112 | 3.9 | 111 | 4 | 109 | 104* | 115 |
| DE-14-21-1378-2021-K | DE-14-21 | 2 | 112 | 126 | 120 | 4 | 112 | 3.9 | 111 | 4 | 109 | 104* | 115 |

Only one Varroa trait was recorded