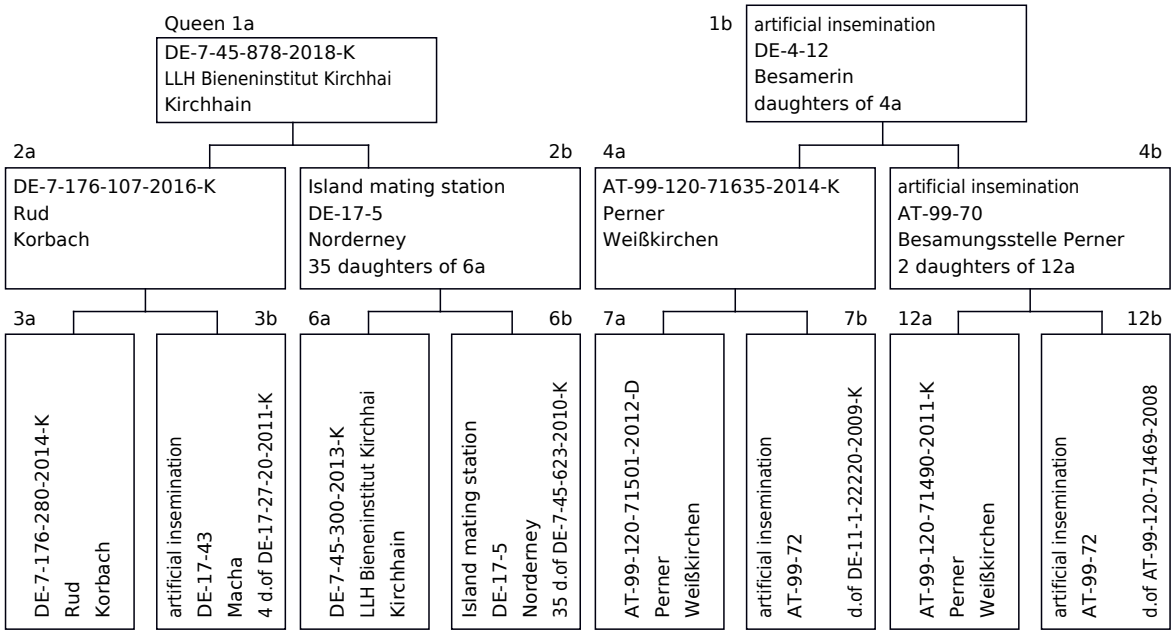
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-7-45-878-2018-K

Landesverband Hessischer Imker e.V.

| | | |
|---|---|---|
| Tester of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 4 | |
| Breeder of the queen: | LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45 | |
| **1a** Studbook number: | **DE-7-45-878-2018-K** | |
| | | Daughters of |
| Race line: -Carnica | Sign: red 77-8 | Queen: 1.5% |
| Generation: 1 | Hatch date: 11.06.2018 | Workers: 0.7% |

## A. Pedigree




## B. Own performance

| | No. of the colony 50 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 32.1 | 99.6 | 13 | 19 | 32.2 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 116 | |
| Honey yield | - | 109 | 0.44 |
| Defensive behavior | 3.30 | 117 | 0.56 |
| Steadiness on comb | 2.40 | 115 | 0.56 |
| Swarming drive | 4 | 119 | 0.44 |
| Varroa | - | 106 | 0.29 |
| Performance index | - | 117 | 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

none Analysis of race characteristics

## 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.

16.04.2020

For the correctness DE-7

# Breeding selection report DE-7-45-878-2018-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 3

| 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-7-45-879-2018-K | DE-7-45 | 1 | 117 | 31.7 | 111 | 2.9 | 116 | 2.5 | 116 | 4 | 119 | 106 | 118 |
| DE-7-45-880-2018-K | DE-7-45 | 1 | 112 | 47.4 | 115 | 2.9 | 117 | 2.7 | 118 | 4 | 120 | 96 | 120 |
| DE-7-45-878-2018-K | DE-7-45 | 4 | 116 | 32.1 | 109 | 3.3 | 117 | 2.4 | 115 | 4 | 119 | 106 | 117 |