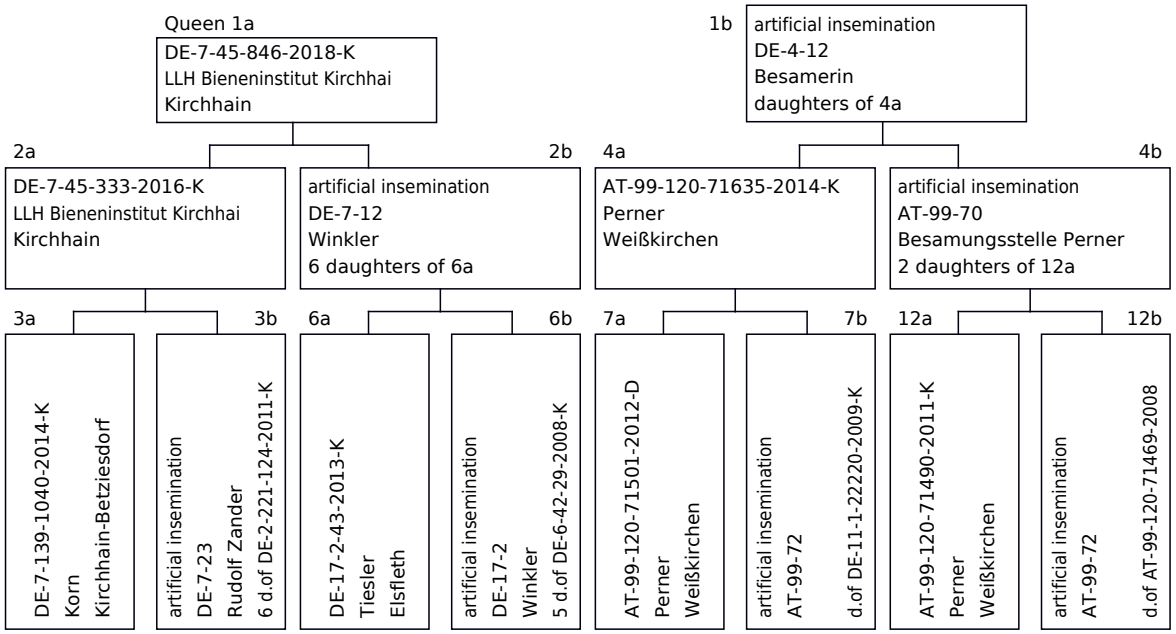
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-7-45-846-2018-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-7-45-846-2018-K** | |
| | | Daughters of |
| Race line: -Carnica | Sign: red 1-9 | Queen: 0.9% |
| Generation: 2 | Hatch date: 11.06.2018 | Workers: 0.5% |

## A. Pedigree




## B. Own performance

| | No. of the colony 60 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 46.2 | 143.3 | 2 | 19 | 32.2 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 126 | |
| Honey yield | - | 120 | 0.45 |
| Defensive behavior | 3.30 | 125 | 0.56 |
| Steadiness on comb | 2.80 | 119 | 0.56 |
| Swarming drive | 3 | 112 | 0.45 |
| Varroa | - | 120 | 0.29 |
| Performance index | - | 122 | 0.54 |
| 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

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## Page 2

## Performance of the sisters

Amount of checked sisters: 12

| 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-7-45-852-2018 | DE-7-45 | 1 | 126 | 20.6 | 115 | 3 | 122 | 2.4 | 116 | 4 | 117 | 123 | 121 |
| DE-7-45-848-2018-K | DE-7-45 | 3 | 125 | 61.2 | 121 | 3.2 | 121 | 2.3 | 114 | 4 | 118 | 119 | 122 |
| DE-7-45-850-2018-K | DE-7-45 | 3 | 126 | 44.4 | 119 | 3.4 | 127 | 3.1 | 122 | 2 | 109 | 120 | 123 |
| DE-7-45-846-2018-K | DE-7-45 | 4 | 126 | 46.2 | 120 | 3.3 | 125 | 2.8 | 119 | 3 | 112 | 120 | 122 |
| DE-7-45-847-2018** | DE-7-140 | 1 | 123 | | (117) | | (122) | | (116) | | (115) | (116) | 120 |
| DE-16-325-3842-2018 | DE-16-325 | 11 | 123 | | 117 | | 122 | | 116 | | 115 | (116) | 120 |
| DE-16-325-3844-2018 | DE-16-325 | 11 | 122 | | 116 | | 121 | | 115 | | 114 | (116) | 119 |
| DE-16-325-3840-2018 | DE-16-334 | 10 | 123 | | 118 | | 120 | | 116 | | 112 | 119 | 119 |
| DE-16-325-3841-2018 | DE-16-336 | 8 | 123 | | 116 | | 122 | | 116 | | 118 | 115 | 121 |
| DE-16-325-3835-2018 | DE-16-337 | 11 | 121 | | 118 | | 118 | | 114 | | 116 | 114 | 119 |
| DE-16-325-3846-2018 | DE-16-337 | 11 | 123 | | 121 | | 120 | | 114 | | 110 | 118 | 119 |
| DE-16-325-3838-2018 | DE-16-351 | 6 | 118 | | 112 | | 117 | | 110 | | 110 | 114 | 114 |

Colony without performance tests