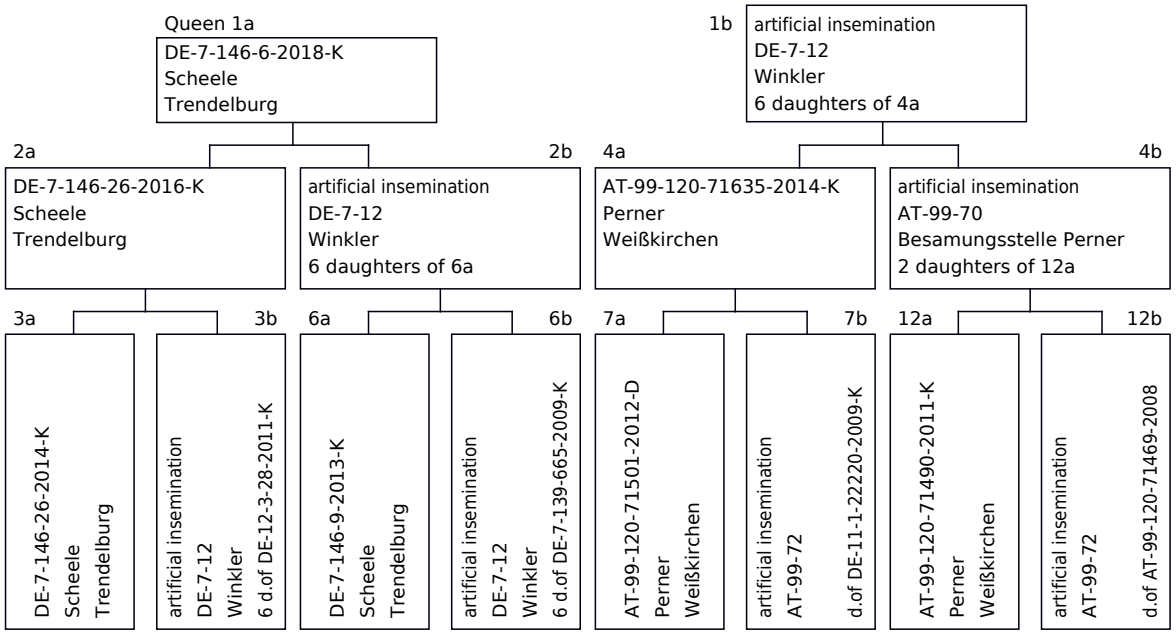
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-7-146-6-2018-K

Landesverband Hessischer Imker e.V.

| | | |
|---|---|---|
| Tester of the queen: | Scheele, Wolfgang, 34388 Trendelburg, DE-7-146, Apiary 1 | |
| Breeder of the queen: | Scheele, Wolfgang, 34388 Trendelburg, DE-7-146 | |
| **1a** Studbook number: | **DE-7-146-6-2018-K** | |
| | | Daughters of |
| Race line: -70 | Sign: red 6-8 | Queen: 3.5% |
| Generation: 12 | Hatch date: 03.06.2018 | Workers: 0.2% |

## A. Pedigree




## B. Own performance

| | No. of the colony 56 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 77.8 | 91.9 | 15 | 21 | 84.6 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 121 | |
| Honey yield | - | 110 | 0.41 |
| Defensive behavior | 3.70 | 120 | 0.52 |
| Steadiness on comb | 3.10 | 116 | 0.52 |
| Swarming drive | 3 | 114 | 0.41 |
| Varroa | - | 117 | 0.27 |
| Performance index | - | 117 | 0.47 |
| Robustness in winter | 3 | | |
| Development in Spring | 3 | | |
| 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.

22.04.2020

For the correctness DE-7

# Breeding selection report DE-7-146-6-2018-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 16

| 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-7-146-2-2018 | DE-7-45 | 1 | 126 | | 113 | | 123 | | 119 | | 119 | 121 | 121 |
| DE-7-146-5-2018-K | DE-7-146 | 1 | 124 | 97.7 | 114 | 3.7 | 121 | 3.3 | 118 | 4 | 119 | 117 | 120 |
| DE-7-146-6-2018-K | DE-7-146 | 1 | 121 | 77.8 | 110 | 3.7 | 120 | 3.1 | 116 | 3 | 114 | 117 | 117 |
| DE-7-146-11-2018 | DE-7-146 | 1 | 119 | 69.4 | 108 | 3.5 | 118 | 3.1 | 115 | 3 | 114 | 114 | 115 |
| DE-7-146-15-2018 | DE-7-146 | 1 | 122 | 83.1 | 111 | 3.5 | 118 | 3.1 | 115 | 4 | 119 | 118 | 118 |
| DE-7-146-16-2018-K | DE-7-146 | 1 | 124 | 97.6 | 115 | 3.7 | 122 | 3.5 | 120 | 4 | 119 | 116 | 121 |
| DE-7-146-17-2018 | DE-7-146 | 1 | 124 | 96.1 | 115 | 3.5 | 120 | 3.4 | 118 | 4 | 119 | 118 | 120 |
| DE-7-146-18-2018 | DE-7-146 | 1 | 123 | 101.9 | 116 | 3.5 | 120 | 3.4 | 118 | 4 | 119 | 115 | 120 |
| DE-7-146-20-2018 | DE-7-146 | 1 | 121 | 70.5 | 110 | 3.8 | 123 | 3.5 | 120 | 3 | 114 | 113 | 119 |
| DE-7-146-21-2018 | DE-7-146 | 1 | 119 | 70.5 | 109 | 3.3 | 117 | 3.1 | 114 | 4 | 119 | 113 | 117 |
| DE-7-146-22-2018-K | DE-7-146 | 1 | 124 | 84.1 | 112 | 4 | 125 | 3.6 | 122 | 3 | 114 | 118 | 121 |
| DE-7-146-23-2018-K | DE-7-146 | 1 | 123 | 100.9 | 115 | 3.9 | 123 | 3.3 | 118 | 4 | 119 | 115 | 121 |
| DE-7-146-28-2018 | DE-7-146 | 1 | 124 | 96.1 | 115 | 3.5 | 120 | 3.4 | 118 | 4 | 119 | 118 | 120 |
| DE-7-146-71-2018 | DE-7-146 | 1 | 123 | 93.8 | 113 | 3.4 | 118 | 3.1 | 115 | 4 | 119 | 119 | 118 |
| DE-7-146-3-2018 | DE-7-161 | 1 | 121 | | 110 | | 119 | | 116 | | 118 | 116 | 119 |
| DE-7-146-4-2018 | DE-7-161 | 1 | 119 | | 107 | | 119 | | 115 | | 118 | 112 | 118 |