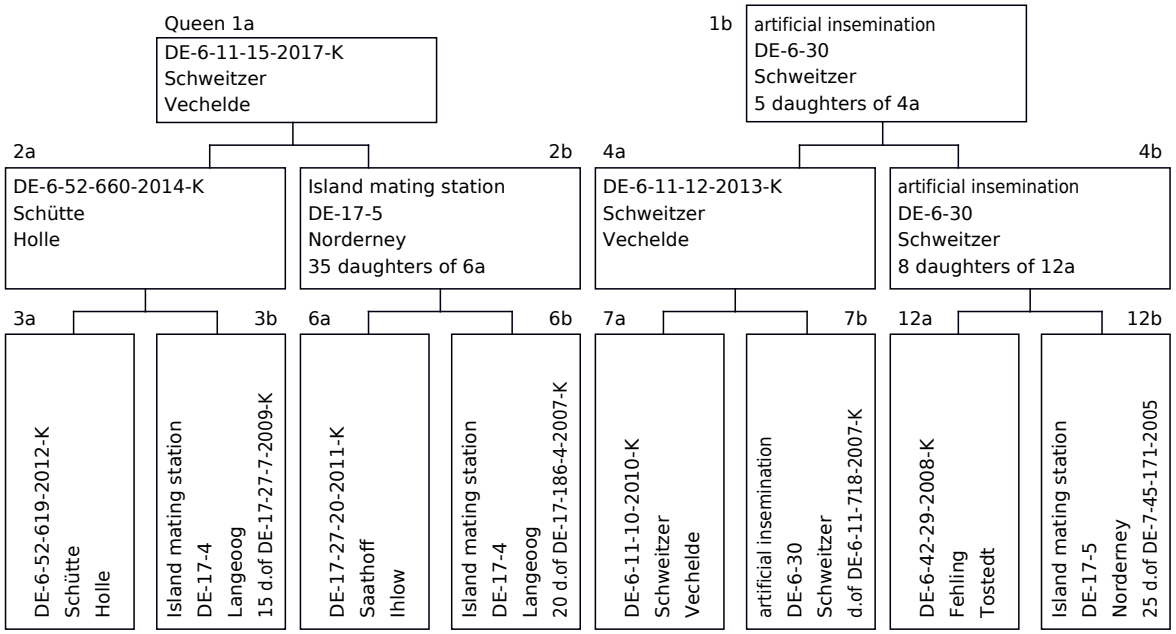
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-6-11-15-2017-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

| | | |
|---|---|---|
| Tester of the queen: | Schweitzer, Beate, Vechelde, DE-6-11, Apiary 1 | |
| Breeder of the queen: | Schweitzer, Beate, Vechelde, DE-6-11 | |
| **1a** Studbook number: | **DE-6-11-15-2017-K** | |
| | | Daughters of |
| Race line: -70 | Sign: yellow 71 | Queen: 8.0% |
| Generation: 1 | Hatch date: 06.06.2017 | Workers: 2.0% |

## A. Pedigree




## B. Own performance

| | No. of the colony Z37 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 116.5 | 114.7 | 2 | 6 | 101.6 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 102 | |
| Honey yield | - | 110 | 0.29 |
| Defensive behavior | 4 | 101 | 0.39 |
| Steadiness on comb | 4 | 104 | 0.39 |
| Swarming drive | 4 | 104 | 0.23 |
| Varroa | - | 93* | 0.08 |
| Performance index | - | 104 | 0.32 |
| 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 A**
Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

11.03.2020

For the correctness DE-6

# Breeding selection report DE-6-11-15-2017-K

## 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-6-11-5-2017-K | DE-6-11 | 1 | 102 | 118.8 | 110 | 4 | 101 | 4 | 104 | 4 | 105 | 93* | 105 |
| DE-6-11-8-2017 | DE-6-11 | 1 | 87 | 115.3 | 95 | 3.9 | 90 | 4 | 92 | 4 | 88 | 85* | 89 |
| DE-6-11-9-2017 | DE-6-11 | 1 | 82 | 69.9 | 88 | 3.8 | 85 | 3.5 | 83 | 4 | 79 | 87* | 81 |
| DE-6-11-10-2017-D | DE-6-11 | 1 | 101 | 102.1 | 108 | 4 | 101 | 4 | 104 | 4 | 104 | 93* | 104 |
| DE-6-11-15-2017-K | DE-6-11 | 1 | 102 | 116.5 | 110 | 4 | 101 | 4 | 104 | 4 | 104 | 93* | 104 |
| DE-6-11-17-2017-D | DE-6-11 | 1 | 101 | 86.7 | 106 | 3.9 | 100 | 4 | 103 | 4 | 104 | 93* | 103 |
| DE-6-11-1-2017-D | DE-6-11 | 2 | 100 | 66.5 | 107 | 3.8 | 98 | 3.5 | 100 | 4 | 103 | 95* | 101 |
| DE-6-11-2-2017-D | DE-6-11 | 2 | 99 | 56.7 | 106 | 3.9 | 99 | 3.5 | 101 | 4 | 103 | 93* | 102 |
| DE-6-11-4-2017-D | DE-6-11 | 2 | 100 | 87.2 | 108 | 3.9 | 99 | 3.5 | 101 | 4 | 104 | 94* | 102 |
| DE-6-11-13-2017-D | DE-6-11 | 2 | 104 | 123.2 | 113 | 4 | 102 | 4 | 106 | 4 | 105 | 94* | 107 |
| DE-6-11-14-2017 | DE-6-11 | 2 | 87 | 20.1 | 89 | 4 | 98 | 4 | 101 | 4 | 84 | 83* | 91 |
| DE-6-11-22-2017-D | DE-6-11 | 2 | 100 | 72.1 | 107 | 4 | 100 | 3.5 | 101 | 4 | 104 | 93* | 102 |

Only one Varroa trait was recorded