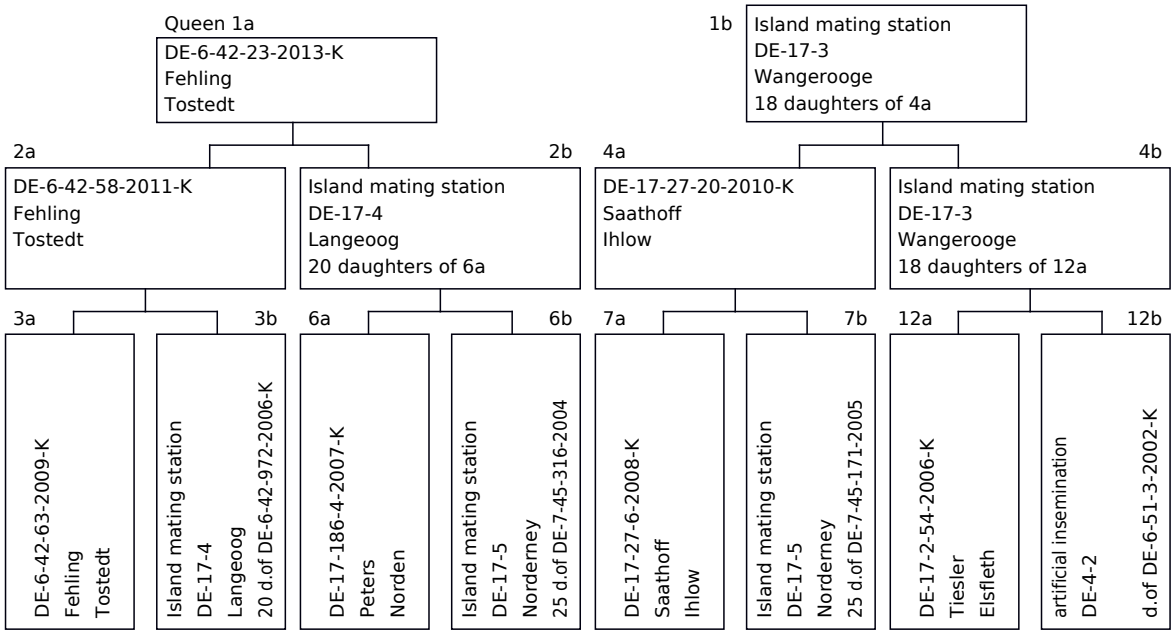
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-6-42-23-2013-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

| | | |
|---|---|---|
| Tester of the queen: | Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42, Apiary 3 | |
| Breeder of the queen: | Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42 | |
| **1a** Studbook number: | **DE-6-42-23-2013-K** | |
| | | Daughters of |
| Race line: -30 | Sign: red 34 | Queen: 3.8% |
| Generation: 20 | Hatch date: 3.6.2013 | Workers: 1.2% |

## A. Pedigree




## B. Own performance

| | No. of the colony 11 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 35.1 | 115.5 | 5 | 14 | 30.4 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 132 | |
| Honey yield | - | 113 | 0.48 |
| Defensive behavior | 3.80 | 130 | 0.65 |
| Steadiness on comb | 3.80 | 128 | 0.68 |
| Swarming drive | 4 | 117 | 0.48 |
| Varroa | - | 129 | 0.56 |
| Performance index | - | 0 | |
| Robustness in winter | 4 | | |
| Development in Spring | 4 | | |
| 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.

13.01.2018

For the correctness DE-6

# Breeding selection report DE-6-42-23-2013-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 5

| 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-6-42-15-2013 | DE-6-42 | 1 | 109 | 39.4 | 113 | 3.2 | 107 | 3.2 | 109 | 4 | 112 | 101 | |
| DE-6-42-21-2013 | DE-6-42 | 1 | 131 | 17.8 | 105 | 3.6 | 129 | 3.6 | 125 | 4 | 110 | 136 | |
| DE-6-42-24-2013 | DE-6-42 | 1 | 98 | 18 | 97 | 3 | 99 | 3 | 100 | 4 | 104 | 95 | |
| DE-6-42-23-2013-K | DE-6-42 | 3 | 132 | 35.1 | 113 | 3.8 | 130 | 3.8 | 128 | 4 | 117 | 129 | |
| DE-6-42-16-2013 | DE-6-42 | 4 | 106 | 41.4 | 103 | 3.5 | 99 | 3.5 | 98 | 3 | 91 | 116 | |