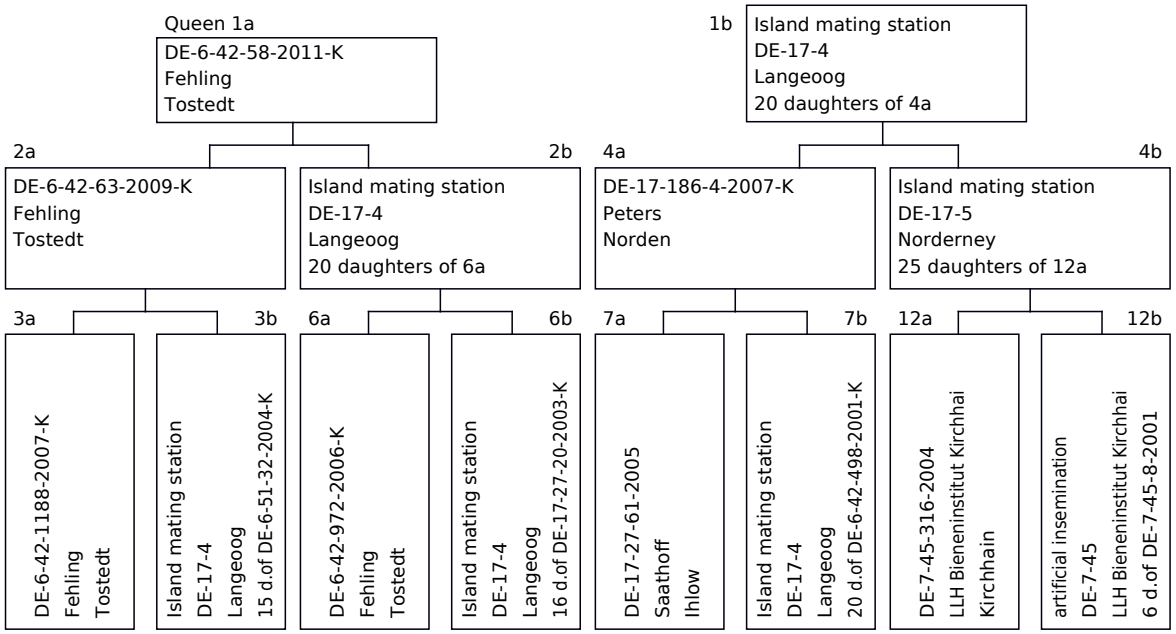
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-6-42-58-2011-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

| | | |
|---|---|---|
| Tester of the queen: | Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42, Apiary 4 | |
| Breeder of the queen: | Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42 | |
| **1a** Studbook number: | **DE-6-42-58-2011-K** | |
| | | Daughters of |
| Race line: -30 | Sign: white 51 | Queen: 8.6% |
| Generation: 18 | Hatch date: 8.6.2011 | Workers: 2.1% |

## A. Pedigree




## B. Own performance

| | No. of the colony 51 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 31.6 | 130.5 | 6 | 15 | 24.2 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 114 | |
| Honey yield | - | 111 | 0.46 |
| Defensive behavior | 3.80 | 112 | 0.65 |
| Steadiness on comb | 3.80 | 111 | 0.67 |
| Swarming drive | 4 | 111 | 0.46 |
| Varroa | - | 111 | 0.55 |
| Performance index | - | 0 | |
| 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.

06.06.2013

For the correctness DE-6

# Breeding selection report DE-6-42-58-2011-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 10

| 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-6-42-34-2011 | DE-6-42 | 4 | 89 | 27.3 | 103 | 3.3 | 91 | 3.3 | 91 | 4 | 107 | 80 | |
| DE-6-42-35-2011 | DE-6-42 | 4 | 91 | 38.1 | 110 | 3.3 | 93 | 3.3 | 95 | 4 | 109 | 79 | |
| DE-6-42-46-2011 | DE-6-42 | 4 | 109 | 30.5 | 107 | 3.5 | 99 | 3.5 | 97 | 4 | 103 | 116 | |
| DE-6-42-58-2011-K | DE-6-42 | 4 | 114 | 31.6 | 111 | 3.8 | 112 | 3.8 | 111 | 4 | 111 | 111 | |
| DE-6-42-60-2011 | DE-6-42 | 4 | 95 | 15.1 | 96 | 3.3 | 92 | 3.3 | 91 | 4 | 100 | 98 | |
| DE-6-42-36-2011 | DE-6-42 | 5 | 101 | 6.2 | 102 | 3.5 | 115 | 3.5 | 117 | 4 | 117 | 83 | |
| DE-6-42-41-2011 | DE-6-42 | 5 | 106 | 16.3 | 105 | 3 | 93 | 3 | 92 | 4 | 99 | 116 | |
| DE-6-42-49-2011 | DE-6-42 | 5 | 91 | 4.8 | 97 | 3 | 96 | 3.2 | 97 | 4 | 105 | 84 | |
| DE-6-42-87-2011 | DE-6-195 | 1 | 121 | | 130 | | 121 | | 123 | | 119 | 105 | |
| DE-6-42-84-2011 | DE-6-195 | 2 | 111 | | 97 | | 109 | | 108 | | 110 | 112 | |