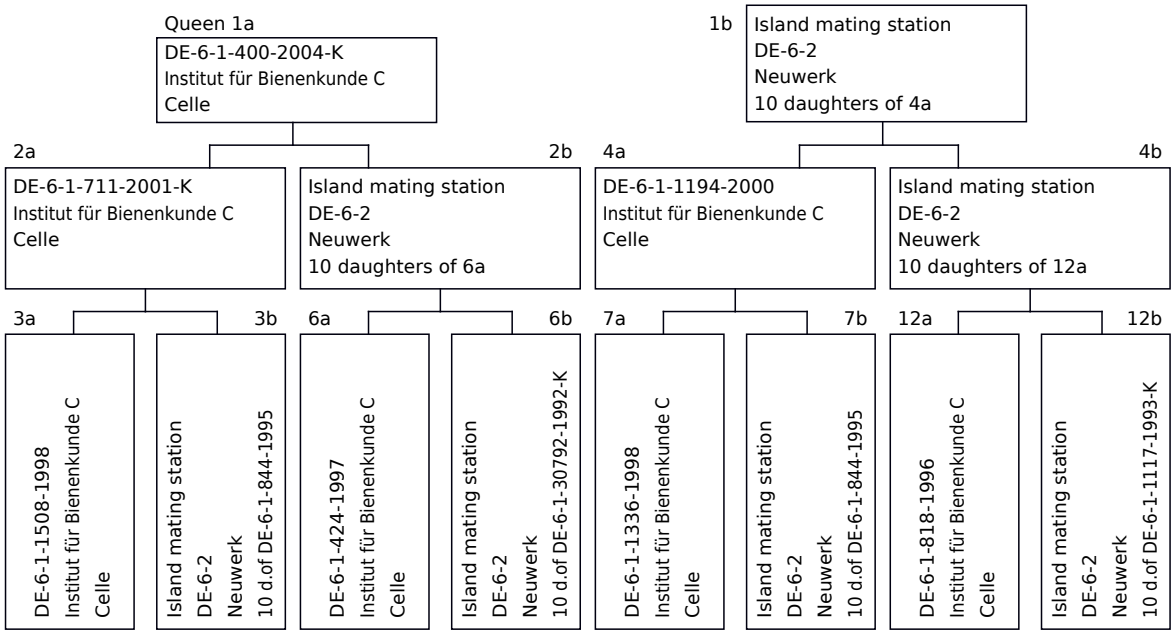
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-6-1-400-2004-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

| | | |
|---|---|---|
| Tester of the queen: | Institut für Bienenkunde Celle, 29221 Celle, DE-6-1, Apiary 1 | |
| Breeder of the queen: | Institut für Bienenkunde Celle, 29221 Celle, DE-6-1 | |
| **1a** Studbook number: | **DE-6-1-400-2004-K** | |
| | | Daughters of |
| Race line: -20 | Sign: green | Queen: 2.4% |
| Generation: | Hatch date: | Workers: 4.0% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 53.2 | 128.6 | 3 | 34 | 41.4 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 70 | |
| Honey yield | - | 81 | 0.55 |
| Defensive behavior | 4 | 80 | 0.66 |
| Steadiness on comb | 3.50 | 79 | 0.65 |
| Swarming drive | 4 | 82 | 0.61 |
| Varroa | - | 68* | 0.55 |
| Performance index | - | 77 | 0.55 |
| Robustness in winter | | | |
| 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 J**

# Breeding selection report DE-6-1-400-2004-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 | Calmness during inspection | Breeding Value Calmness | Swarming drive | Breeding Value Swarming | Varroa-index | Performance ndex |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-6-1-400-2004-K | DE-6-1 | 1 | 70 | 53.2 | 81 | 4 | 80 | 3.5 | 79 | 4 | 82 | 68* | 77 |
| DE-6-1-406-2004 | DE-6-1 | 1 | 70 | 39.5 | 72 | 4 | 80 | 3.5 | 79 inspection | 3.5 | 72 | 75* | 71 |
| DE-6-1-411-2004 | DE-6-1 | 1 | 69 | 52.2 | 76 | 4 | 81 | 3.9 | 83 | 3 | 72 | 69* | 74 |
| DE-6-1-427-2004 | DE-6-1 | 1 | 69 | 38.3 | 67 | 4 | 79 | 4 | 83 | 4 | 71 | 74* | 70 |
| DE-6-1-435-2004 | DE-6-1 | 1 | 71 | 51.6 | 76 | 4 | 80 | 3.8 | 82 | 4 | 78 | 72* | 75 |

Only one Varroa trait was recorded