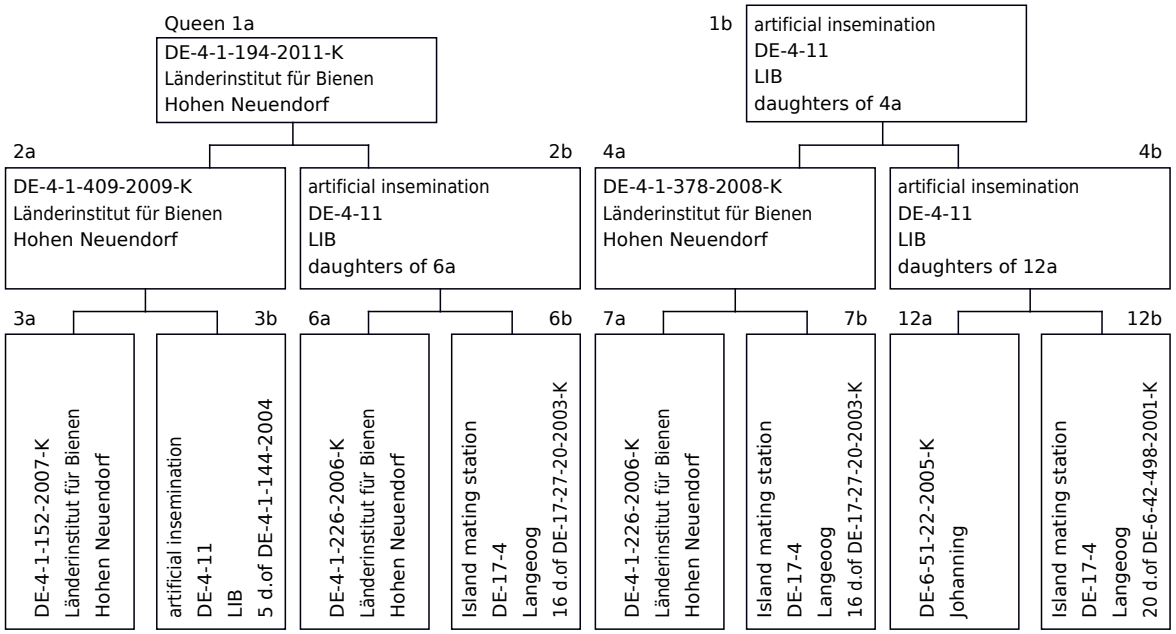
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-4-1-194-2011-K

| | | |
|---|---|---|
| Tester of the queen: | Alsdorf, Bernhard, Berlin, DE-4-4, Apiary 1 | |
| Breeder of the queen: | Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1 | |
| **1a** Studbook number: | **DE-4-1-194-2011-K** | |
| | | Daughters of |
| Race line: -4 | Sign: white 94 | Queen: 0.7% |
| Generation: | Hatch date: | Workers: 5.6% |

## A. Pedigree




## B. Own performance

| | No. of the colony | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 61.8 | 108.4 | 2 | 12 | 57.0 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 117 | |
| Honey yield | - | 117 | 0.43 |
| Defensive behavior | 4 | 118 | 0.62 |
| Steadiness on comb | 3.80 | 118 | 0.64 |
| Swarming drive | 4 | 126 | 0.41 |
| Varroa | - | (103) | 0.29 |
| Performance index | - | 0 | |
| Robustness in winter | 3.50 | | |
| Development in Spring | 3.80 | | |
| Colony strength | 3.50 | | |

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 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).

25.02.2013

For the correctness DE-4

# Breeding selection report DE-4-1-194-2011-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 9

| 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-4-1-196-2011 | DE-4-1 | 1 | 116 | | 114 | | 116 | | 114 | | 115 | 108 | |
| DE-4-1-197-2011 | DE-4-1 | 1 | 108 | | 113 | | 114 | | 115 | | 116 | 94 | |
| DE-4-1-31-2011-K | DE-4-1 | 2 | 105 | | 105 | | 109 | | 109 | | 111 | 98 | |
| DE-4-1-199-2011 | DE-4-1 | 2 | 109 | | 94 | | 119 | | 118 | | 110 | 102 | |
| DE-4-1-200-2011 | DE-4-1 | 2 | 113 | | 114 | | 111 | | 110 | | 112 | 106 | |
| DE-4-1-201-2011-K | DE-4-1 | 2 | 113 | | 108 | | 111 | | 110 | | 110 | 110 | |
| DE-4-1-194-2011-K | DE-4-4 | 1 | 117 | 61.8 | 117 | 4 | 118 | 3.8 | 118 | 4 | 126 | (103) | |
| DE-4-1-195-2011 | DE-4-277 | 2 | 116 | | 113 | | 121 | | 121 | | 120 | (102) | |
| DE-4-1-40-2011-K | DE-14-134 | 1 | 105 | | 103 | | 110 | | 110 | | 109 | (97) | |