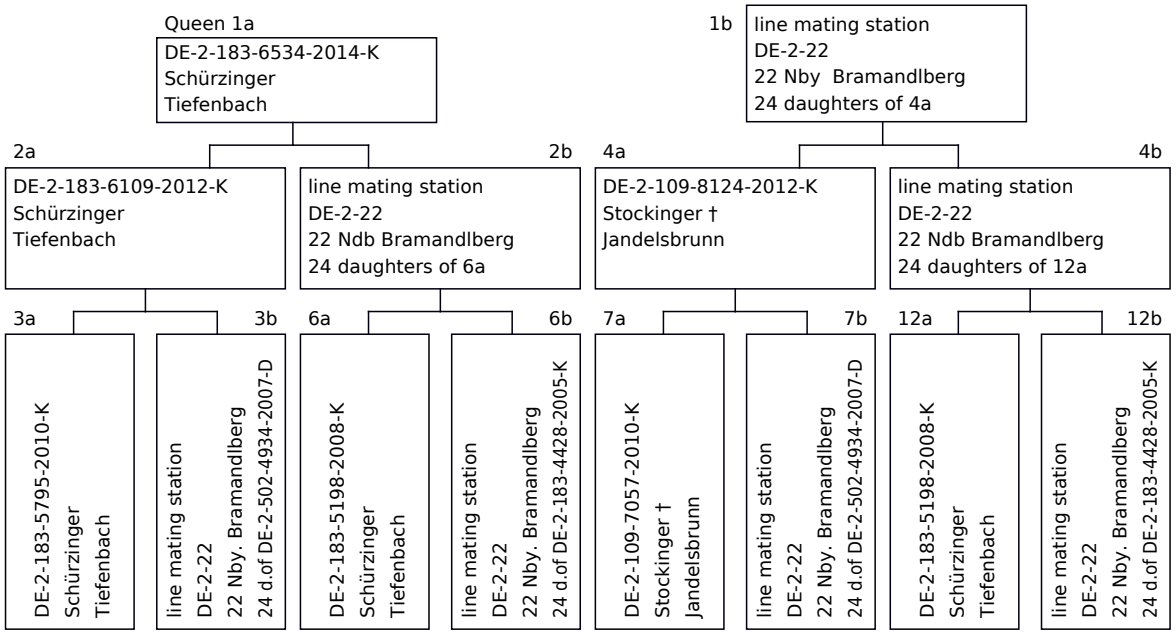
DEUTSCHER IMKERBUND E.V.

# Breeding selection report
# DE-2-183-6534-2014-K

LVBI

| | | |
|---|---|---|
| Tester of the queen: | Schürzinger, Fritz, 94113 Tiefenbach, DE-2-183, Apiary 2 | |
| Breeder of the queen: | Schürzinger, Fritz, 94113 Tiefenbach, DE-2-183 | |
| **1a** Studbook number: | **DE-2-183-6534-2014-K** | |
| | | Daughters of |
| Race line: -71 | Sign: green | Queen: 8.1% |
| Generation: 3 | Hatch date: 30.05.2014 | Workers: 15.0% |

## A. Pedigree




## B. Own performance

| | No. of the colony 1 | | | comparable colonies at the apiary | |
|---|---|---|---|---|---|
| | kg | % | Ranking | number | Yield average kg |
| Performance test year | 80 | 120 | 5 | 23 | 66.7 |

| | Assessment* | Breeding values | Reliability |
|---|---|---|---|
| **Total breeding value[1]** | - | 94 | |
| Honey yield | - | 94 | 0.69 |
| Defensive behavior | 4 | 101 | 0.77 |
| Steadiness on comb | 4 | 100 | 0.76 |
| Swarming drive | 4 | 80 | 0.75 |
| Varroa | - | (94) | 0.68 |
| Performance index | - | 93 | 0.69 |
| 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%.

## C. Performance of the sisters

See page 2

## D. Body features, see appendix

none Analysis of race characteristics

## 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).

14.12.2022

For the correctness DE-2

# Breeding selection report DE-2-183-6534-2014-K

## Page 2

## Performance of the sisters

Amount of checked sisters: 66

| 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-2-183-6681-2015 | DE-2-183 | 1 | 92 | 13 | 97 | 3.5 | 98 | 3.5 | 97 | 4 | 80 | (92) | 92 |
| DE-2-183-6682-2015 | DE-2-183 | 1 | 90 | 17 | 100 | 3 | 91 | 3 | 91 | 4 | 78 | (92) | 88 |
| DE-2-183-6741-2015-K | DE-2-183 | 1 | 95 | 15 | 100 | 4 | 104 | 4 | 103 | 4 | 81 | (92) | 96 |
| DE-2-183-6742-2015 | DE-2-183 | 1 | 95 | 19 | 103 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 97 |
| DE-2-183-6743-2015 | DE-2-183 | 1 | 95 | 17 | 101 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 97 |
| DE-2-183-6801-2015 | DE-2-183 | 1 | 92 | 16 | 100 | 3.5 | 97 | 3.5 | 97 | 4 | 80 | (92) | 92 |
| DE-2-183-6802-2015 | DE-2-183 | 1 | 95 | 19 | 103 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 97 |
| DE-2-183-6803-2015 | DE-2-183 | 1 | 93 | 13 | 97 | 4 | 102 | 3.5 | 99 | 4 | 80 | (92) | 94 |
| DE-2-183-6804-2015 | DE-2-183 | 1 | 90 | 12 | 96 | 3.5 | 96 | 3 | 93 | 4 | 79 | (92) | 89 |
| DE-2-183-6805-2015-K | DE-2-183 | 1 | 95 | 18 | 102 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 97 |
| DE-2-183-6806-2015 | DE-2-183 | 1 | 91 | 16 | 99 | 3.5 | 95 | 3 | 93 | 4 | 79 | (92) | 90 |
| DE-2-183-6808-2015 | DE-2-183 | 1 | 92 | 11 | 96 | 3.5 | 98 | 3.5 | 97 | 4 | 80 | (92) | 91 |
| DE-2-183-6809-2015 | DE-2-183 | 1 | 93 | 12 | 96 | 4 | 102 | 3.5 | 99 | 4 | 80 | (92) | 93 |
| DE-2-183-6810-2015 | DE-2-183 | 1 | 90 | 8 | 92 | 3.5 | 98 | 3.5 | 97 | 3 | 74 | (92) | 88 |
| DE-2-183-6668-2015 | DE-2-183 | 2 | 93 | 9 | 95 | 4 | 101 | 3.5 | 99 | 4 | 80 | (92) | 93 |
| DE-2-183-6744-2015 | DE-2-183 | 2 | 92 | 13 | 98 | 3.5 | 97 | 3.5 | 97 | 4 | 80 | (92) | 92 |
| DE-2-183-6745-2015 | DE-2-183 | 2 | 93 | 17 | 101 | 4 | 101 | 3.5 | 99 | 4 | 80 | (92) | 94 |
| DE-2-183-6746-2015 | DE-2-183 | 2 | 90 | 13 | 97 | 3.5 | 95 | 3 | 93 | 4 | 79 | (92) | 89 |
| DE-2-183-6747-2015-K | DE-2-183 | 2 | 95 | 20 | 104 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 97 |
| DE-2-183-6798-2015 | DE-2-183 | 2 | 95 | 13 | 99 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 96 |
| DE-2-183-6799-2015 | DE-2-183 | 2 | 91 | 16 | 99 | 3.5 | 96 | 3.5 | 96 | 3 | 74 | (92) | 90 |
| DE-2-183-6800-2015 | DE-2-183 | 2 | 95 | 19.5 | 103 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 97 |
| DE-2-183-6811-2015 | DE-2-183 | 2 | 92 | 12 | 97 | 3.5 | 97 | 3.5 | 97 | 4 | 80 | (92) | 92 |
| DE-2-183-6812-2015 | DE-2-183 | 2 | 88 | 7 | 91 | 3.5 | 95 | 3 | 93 | 3 | 73 | (92) | 86 |
| DE-2-183-6813-2015 | DE-2-183 | 2 | 93 | 14 | 99 | 4 | 101 | 3.5 | 99 | 4 | 80 | (92) | 94 |
| DE-2-183-6814-2015 | DE-2-183 | 2 | 94 | 18 | 102 | 4 | 101 | 3.5 | 98 | 4 | 80 | (92) | 94 |
| DE-2-183-6815-2015 | DE-2-183 | 2 | 92 | 11 | 97 | 3.5 | 97 | 3.5 | 97 | 4 | 80 | (92) | 92 |
| DE-2-183-6816-2015 | DE-2-183 | 2 | 95 | 17 | 101 | 4 | 103 | 4 | 103 | 4 | 81 | (92) | 97 |
| DE-2-183-6672-2015-K | DE-2-612 | 1 | 94 |  | (103) |  | 101 |  | 101 |  | 75 | (93) | 94 |
| DE-2-183-6516-2014 | DE-2-183 | 1 | 92 | 59 | 96 | 4 | 100 | 3.5 | 98 | 3.5 | 76 | (92) | 91 |
| DE-2-183-6517-2014 | DE-2-183 | 1 | 88 | 44 | 90 | 3 | 91 | 3 | 91 | 4 | 77 | (92) | 85 |
| DE-2-183-6518-2014 | DE-2-183 | 1 | 91 | 62 | 98 | 3.5 | 97 | 3.5 | 96 | 4 | 79 | (92) | 91 |
| DE-2-183-6519-2014 | DE-2-183 | 1 | 92 | 60 | 97 | 4 | 101 | 3.5 | 98 | 4 | 79 | (92) | 93 |
| DE-2-183-6520-2014 | DE-2-183 | 1 | 90 | 56 | 95 | 3.5 | 95 | 3 | 92 | 4 | 78 | (92) | 88 |
| DE-2-183-6521-2014 | DE-2-183 | 1 | 95 | 70 | 102 | 4 | 102 | 4 | 102 | 4 | 80 | (92) | 96 |
| DE-2-183-6522-2014 | DE-2-183 | 1 | 94 | 67 | 100 | 4 | 103 | 4 | 103 | 4 | 80 | (92) | 96 |
| DE-2-183-6527-2014 | DE-2-183 | 1 | 89 | 50 | 93 | 3.5 | 95 | 3 | 92 | 4 | 78 | (92) | 88 |
| DE-2-183-6528-2014 | DE-2-183 | 1 | 92 | 67 | 100 | 3.5 | 96 | 3.5 | 96 | 4 | 79 | (92) | 92 |
| DE-2-183-6529-2014 | DE-2-183 | 1 | 93 | 63 | 98 | 4 | 101 | 3.5 | 98 | 4 | 79 | (92) | 93 |
| DE-2-183-6530-2014 | DE-2-183 | 1 | 94 | 60 | 98 | 4 | 103 | 4 | 103 | 4 | 80 | (92) | 95 |
| DE-2-183-6531-2014 | DE-2-183 | 1 | 95 | 74 | 103 | 4 | 102 | 4 | 102 | 4 | 80 | (92) | 96 |
| DE-2-183-6532-2014 | DE-2-183 | 1 | 88 | 56 | 95 | 3 | 91 | 3 | 90 | 4 | 77 | (92) | 87 |
| DE-2-183-6533-2014 | DE-2-183 | 1 | 93 | 67 | 100 | 4 | 100 | 3.5 | 98 | 4 | 79 | (92) | 93 |
| DE-2-183-6538-2014 | DE-2-183 | 1 | 90 | 67 | 99 | 3.5 | 94 | 3 | 92 | 4 | 78 | (92) | 89 |
| DE-2-183-6562-2014 | DE-2-183 | 1 | 92 | 55 | 95 | 4 | 101 | 3.5 | 99 | 4 | 79 | (92) | 92 |
| DE-2-183-6563-2014 | DE-2-183 | 1 | 93 | 68 | 100 | 4 | 100 | 3.5 | 98 | 4 | 79 | (92) | 93 |
| DE-2-183-6564-2014 | DE-2-183 | 1 | 93 | 69 | 100 | 4 | 102 | 4 | 102 | 3 | 74 | (92) | 93 |
| DE-2-183-6566-2014 | DE-2-183 | 1 | 91 | 61 | 98 | 3.5 | 97 | 3.5 | 97 | 4 | 79 | (92) | 91 |
| DE-2-183-6578-2014 | DE-2-183 | 1 | 92 | 63 | 98 | 3.5 | 97 | 3.5 | 96 | 4 | 79 | (92) | 91 |
| DE-2-183-6454-2014-K | DE-2-183 | 2 | 95 | 87 | 103 | 4 | 103 | 4 | 103 | 4 | 80 | (92) | 97 |
| DE-2-183-6523-2014 | DE-2-183 | 2 | 90 | 68 | 97 | 3.5 | 97 | 3.5 | 97 | 3 | 73 | (92) | 89 |
| DE-2-183-6525-2014 | DE-2-183 | 2 | 93 | 70 | 99 | 4 | 101 | 3.5 | 99 | 4 | 79 | (92) | 94 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DE-2-183-6526-2014 | DE-2-183 | 2 | 92 | 61 | 97 | 3.5 | 97 | 3.5 | 97 | 4 | 79 | (92) | 91 |
| DE-2-183-6534-2014-K | DE-2-183 | 2 | 94 | 80 | 94 | 4 | 101 | 4 | 100 | 4 | 80 | (94) | 93 |
| DE-2-183-6539-2014-K | DE-2-183 | 2 | 95 | 88 | 103 | 4 | 103 | 4 | 103 | 4 | 80 | (92) | 97 |
| DE-2-183-6541-2014 | DE-2-183 | 2 | 93 | 64 | 97 | 4 | 101 | 3.5 | 99 | 4 | 79 | (92) | 93 |
| DE-2-183-6567-2014 | DE-2-183 | 2 | 90 | 59 | 96 | 3.5 | 95 | 3 | 93 | 4 | 78 | (92) | 89 |
| DE-2-183-6569-2014 | DE-2-183 | 2 | 90 | 60 | 96 | 3.5 | 95 | 3 | 93 | 4 | 78 | (92) | 89 |
| DE-2-183-6570-2014 | DE-2-183 | 2 | 90 | 59 | 96 | 3.5 | 95 | 3 | 93 | 4 | 78 | (92) | 89 |
| DE-2-183-6571-2014 | DE-2-183 | 2 | 93 | 69 | 98 | 4 | 101 | 3.5 | 99 | 4 | 79 | (92) | 94 |
| DE-2-183-6573-2014 | DE-2-183 | 2 | 87 | 54 | 94 | 3 | 91 | 3 | 91 | 3 | 72 | (92) | 85 |
| DE-2-183-6575-2014 | DE-2-183 | 2 | 90 | 55 | 95 | 3.5 | 95 | 3 | 93 | 4 | 78 | (92) | 89 |
| DE-2-183-6576-2014 | DE-2-183 | 2 | 93 | 67 | 98 | 4 | 101 | 3.5 | 99 | 4 | 79 | (92) | 93 |
| DE-2-183-6579-2014 | DE-2-183 | 2 | 93 | 67 | 98 | 4 | 101 | 3.5 | 99 | 4 | 79 | (92) | 93 |
| DE-2-183-6535-2014 | DE-2-183 | 6 | 92 | 58 | 98 | 3.5 | 98 | 3.5 | 97 | 4 | 78 | (92) | 92 |
| DE-2-183-6455-2014-K | DE-2-612 | 1 | 93 | | (98) | | 102 | | 101 | | 78 | (92) | 94 |