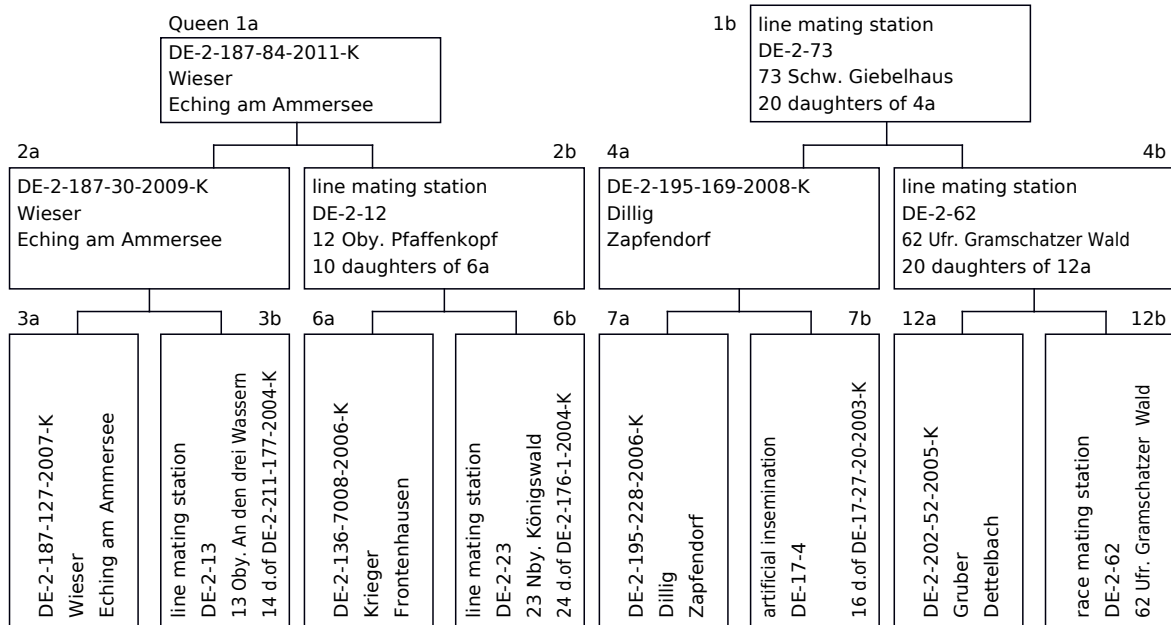


Tester of the queen: Wieser, Martin, 82279 Eching am Ammersee, DE-2-187, Apiary 2  
 Breeder of the queen: Wieser, Martin, 82279 Eching am Ammersee, DE-2-187  
**1a** Studbook number: **DE-2-187-84-2011-K**

Race line: -7 Sign: white Daughters of Queen: 0%  
 Generation: 4 Hatch date: Workers: 0.3%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony ZV |                 |         | comparable colonies at the apiary |                  |
|---|----------------------|-----------------|---------|-----------------------------------|------------------|
|   | kg                   | %               | Ranking | number                            | Yield average kg |
|   | 56.5                 | 285.8           | 1       | 12                                | 19.8             |
|   | Assessment*          | Breeding values |         |                                   | Reliability      |
| <b>Total breeding value<sup>1</sup></b> | -                    | 123             |         |                                   |                  |
| Honey yield                             | -                    | 126             |         |                                   | 0.37             |
| Defensive behavior                      | 3.80                 | 122             |         |                                   | 0.58             |
| Steadiness on comb                      | 3.80                 | 122             |         |                                   | 0.6              |
| Swarming drive                          | 4                    | 123             |         |                                   | 0.36             |
| Varroa                                  | -                    | (108)           |         |                                   | 0.22             |
| Performance index                       | -                    | 0               |         |                                   |                  |
| Robustness in winter                    |                      |                 | 70%     | 100%                              | 170%             |
| Development in Spring                   |                      |                 |         |                                   |                  |
| Colony strength                         |                      |                 |         |                                   |                  |

<sup>1</sup>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).

# Breeding selection report DE-2-187-84-2011-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 19

| 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 | Swarming drive | Breeding Value Swarming | Varroa-index | Performance index |
|--------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|-------------------|
| DE-2-187-2-2012    | DE-2-187            | 1      | 100                  | 36       | 104                  | 3.4                | 104                               | 3                          | 104                     | 1              | 104                     | (101)        |                   |
| DE-2-187-10-2012   | DE-2-187            | 1      | 109                  | 49       | 115                  | 3.4                | 108                               | 3.4                        | 108                     | 3              | 107                     | (103)        |                   |
| DE-2-187-5-2012    | DE-2-187            | 2      | 103                  | 58       | 106                  | 3.3                | 102                               | 3.4                        | 102                     | 3              | 103                     | (100)        |                   |
| DE-2-187-6-2012    | DE-2-187            | 2      | 108                  | 61       | 109                  | 3.5                | 110                               | 3.5                        | 110                     | 2.5            | 104                     | (104)        |                   |
| DE-2-187-9-2012    | DE-2-187            | 2      | 109                  | 91.5     | 126                  | 3.3                | 102                               | 3.3                        | 102                     | 3              | 109                     | (104)        |                   |
| DE-2-187-60-2011-K | DE-2-187            | 1      | 106                  | 44.2     | 115                  | 3.3                | 101                               | 3.4                        | 101                     | 4              | 109                     | (101)        |                   |
| DE-2-187-68-2011   | DE-2-187            | 1      | 110                  | 16.4     | 102                  | 3.6                | 114                               | 3.6                        | 114                     | 4              | 111                     | (103)        |                   |
| DE-2-187-80-2011   | DE-2-187            | 1      | 100                  | 26.5     | 104                  | 3.3                | 98                                | 3.3                        | 97                      | 4              | 104                     | (99)         |                   |
| DE-2-187-93-2011   | DE-2-187            | 1      | 99                   | 5        | 93                   | 3.4                | 101                               | 3.4                        | 101                     | 4              | 103                     | (98)         |                   |
| DE-2-187-20-2011   | DE-2-187            | 2      | 95                   | 17.1     | 99                   | 3.3                | 92                                | 3.3                        | 92                      | 4              | 103                     | (96)         |                   |
| DE-2-187-21-2011-K | DE-2-187            | 2      | 111                  | 29.3     | 110                  | 3.7                | 111                               | 3.6                        | 111                     | 4              | 114                     | (103)        |                   |
| DE-2-187-62-2011   | DE-2-187            | 2      | 101                  | 10.2     | 98                   | 3.6                | 100                               | 3.3                        | 100                     | 4              | 107                     | (99)         |                   |
| DE-2-187-64-2011   | DE-2-187            | 2      | 99                   | 9.5      | 96                   | 3.6                | 97                                | 3.1                        | 96                      | 4              | 106                     | (99)         |                   |
| DE-2-187-65-2011   | DE-2-187            | 2      | 101                  | 16.8     | 101                  | 3.6                | 102                               | 3.4                        | 102                     | 3.5            | 100                     | (100)        |                   |
| DE-2-187-73-2011   | DE-2-187            | 2      | 102                  | 27.1     | 105                  | 3.6                | 98                                | 3.1                        | 97                      | 4              | 108                     | (101)        |                   |
| DE-2-187-83-2011   | DE-2-187            | 2      | 95                   | 9.2      | 96                   | 3.4                | 96                                | 3.4                        | 96                      | 3.5            | 95                      | (97)         |                   |
| DE-2-187-84-2011-K | DE-2-187            | 2      | 123                  | 56.5     | 126                  | 3.8                | 122                               | 3.8                        | 122                     | 4              | 123                     | (108)        |                   |
| DE-2-187-29-2011   | DE-2-730            | 1      | 102                  |          | 105                  |                    | 103                               |                            | 104                     |                | 100                     | (100)        |                   |
| DE-2-187-31-2011   | DE-2-742            | 1      | 97                   |          | 106                  |                    | 101                               |                            | 102                     |                | 108                     | 89           |                   |