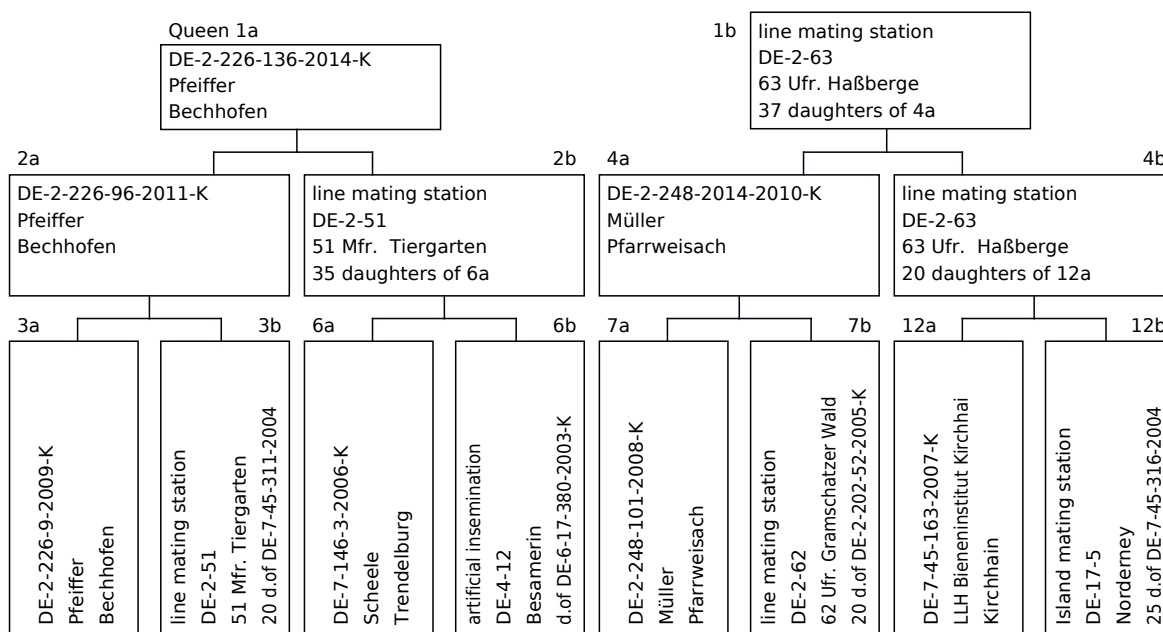


Tester of the queen: Pfeiffer, Josef, 91572 Bechhofen, DE-2-226, Apiary 1  
 Breeder of the queen: Pfeiffer, Josef, 91572 Bechhofen, DE-2-226  
**1a** Studbook number: **DE-2-226-136-2014-K**

Race line: Sign: green 10 Daughters of Queen: 0.6%  
 Generation: Hatch date: 07.07.2014 Workers: 0.4%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony 20 |                 |         | comparable colonies at the apiary |                  |
|---|----------------------|-----------------|---------|-----------------------------------|------------------|
|   | kg                   | %               | Ranking | number                            | Yield average kg |
|   | 63                   | 125.2           | 1       | 10                                | 50.3             |
|   | Assessment*          | Breeding values |         |                                   | Reliability      |
| <b>Total breeding value<sup>1</sup></b> | -                    | 115             |         |                                   |                  |
| Honey yield                             | -                    | 125             |         |                                   | 0.36             |
| Defensive behavior                      | 3.90                 | 104             |         |                                   | 0.56             |
| Steadiness on comb                      | 3.70                 | 104             |         |                                   | 0.59             |
| Swarming drive                          | 4                    | 105             |         |                                   | 0.37             |
| Varroa                                  | -                    | 115             |         |                                   | 0.46             |
| Performance index                       | -                    | 0               |         |                                   |                  |
| Robustness in winter                    | 4                    |                 | 70%     | 100%                              | 170%             |
| Development in Spring                   | 4                    |                 |         |                                   |                  |
| Colony strength                         | 4                    |                 |         |                                   |                  |

<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

none Analysis of race characteristics

### 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.

# Breeding selection report DE-2-226-136-2014-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 | Swarming drive | Breeding Value Swarming | Varroa-index | Performance index |
|---------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|-------------------|
| DE-2-226-134-2014   | DE-2-226            | 1      | 87                   | 45       | 101                  | 3.7                | 84                                | 3.5                        | 101                     | 3.5            | 101                     | 87           |                   |
| DE-2-226-135-2014   | DE-2-226            | 1      | 97                   | 54       | 111                  | 3.5                | 84                                | 3.5                        | 107                     | 4              | 92                      | 106          |                   |
| DE-2-226-136-2014-K | DE-2-226            | 1      | 115                  | 63       | 125                  | 3.9                | 104                               | 3.7                        | 104                     | 4              | 105                     | 115          |                   |
| DE-2-226-137-2014-K | DE-2-226            | 1      | 106                  | 49       | 109                  | 3.8                | 101                               | 3.8                        | 101                     | 4              | 100                     | 106          |                   |
| DE-2-226-138-2014-K | DE-2-226            | 1      | 104                  | 50       | 112                  | 3.9                | 106                               | 3.8                        | 107                     | 4              | 105                     | 97           |                   |
| DE-2-226-139-2014-K | DE-2-226            | 1      | 105                  | 48       | 110                  | 3.9                | 109                               | 3.9                        | 110                     | 4              | 106                     | 97           |                   |
| DE-2-226-140-2014   | DE-2-226            | 1      | 102                  | 50       | 111                  | 3.9                | 103                               | 3.7                        | 104                     | 4              | 104                     | 96           |                   |
| DE-2-226-141-2014   | DE-2-226            | 1      | 104                  | 54       | 114                  | 3.7                | 96                                | 3.7                        | 95                      | 4              | 98                      | 107          |                   |
| DE-2-226-142-2014-K | DE-2-226            | 1      | 102                  | 49       | 110                  | 3.8                | 102                               | 3.8                        | 103                     | 4              | 102                     | 97           |                   |
| DE-2-226-143-2014   | DE-2-226            | 1      | 94                   | 41       | 100                  | 3.9                | 99                                | 3.6                        | 100                     | 4              | 102                     | 87           |                   |