

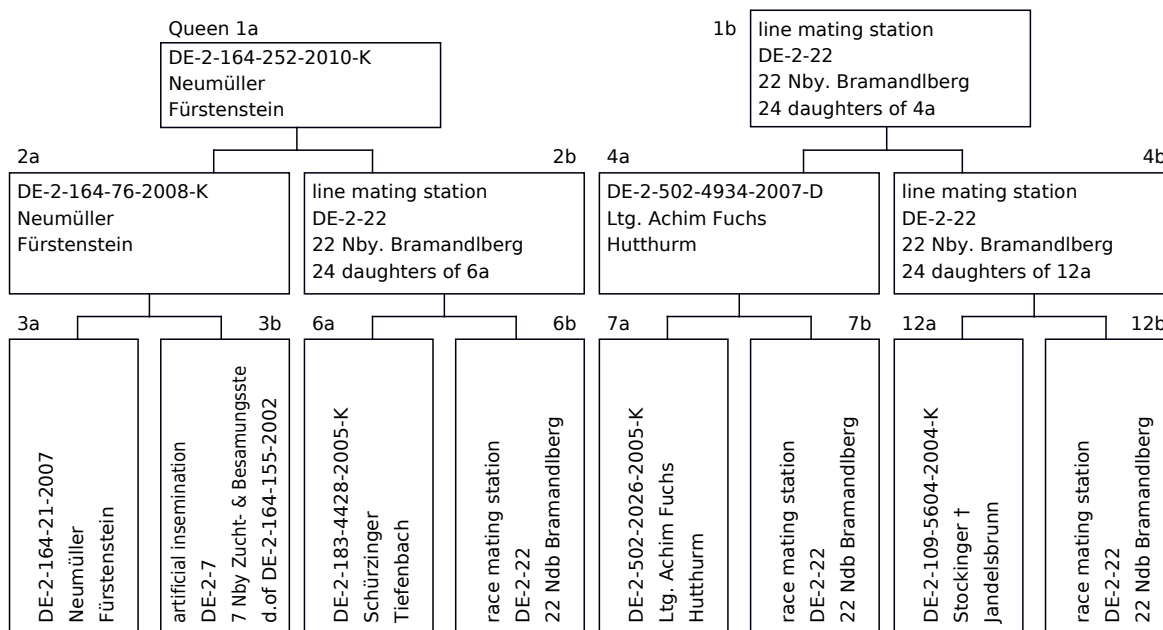
# Breeding selection report

## DE-2-164-252-2010-K

Tester of the queen: Neumüller, Walter, 94538 Fürstenstein, DE-2-164, Apiary 1  
Breeder of the queen: Neumüller, Walter, 94538 Fürstenstein, DE-2-164  
**1a** Studbook number: **DE-2-164-252-2010-K**

Race line: Sign: blue Daughters of Queen: 0.5%  
Generation: 1 Hatch date: Workers: 3.2%

### A. Pedigree



### B. Own performance

| 3. Own performance                | No. of the colony |                                                                                                                                                                                                                                                                |                                                                                                                           | comparable colonies at the apiary |  |                  |  |  |  |             |
|-----------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--|------------------|--|--|--|-------------|
|                                   | kg                | %                                                                                                                                                                                                                                                              | Ranking                                                                                                                   | number                            |  | Yield average kg |  |  |  |             |
| Performance test year             | 60                | 93.8                                                                                                                                                                                                                                                           | 3                                                                                                                         | 3                                 |  | 64               |  |  |  |             |
|                                   | Assessment*       | Breeding values                                                                                                                                                                                                                                                |                                                                                                                           |                                   |  |                  |  |  |  | Reliability |
| Total breeding value <sup>1</sup> | -                 | 99                                                                                                                                                                                                                                                             | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |  |                  |  |  |  |             |
| Honey yield                       | -                 | 100                                                                                                                                                                                                                                                            | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |  |                  |  |  |  | 0.35        |
| Defensive behavior                | 3.50              | 99                                                                                                                                                                                                                                                             | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |  |                  |  |  |  | 0.5         |
| Steadiness on comb                | 3.50              | 100                                                                                                                                                                                                                                                            | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |  |                  |  |  |  | 0.53        |
| Swarming drive                    | 4                 | 92                                                                                                                                                                                                                                                             | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |  |                  |  |  |  | 0.36        |
| Varroa                            | -                 | (102)                                                                                                                                                                                                                                                          | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |  |                  |  |  |  | 0.29        |
| Performance index                 | -                 | 0                                                                                                                                                                                                                                                              | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |  |                  |  |  |  |             |
| Robustness in winter              | 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 |                                                                                                                           |                                   |  |                  |  |  |  |             |
| 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 J

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## 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-2-164-144-2011   | DE-2-164            | 1      | 91                   | 9        | 97                   | 2.5                | 89                                | 3                          | 89                      | 4              | 89                      | (99)         |                   |
| DE-2-164-145-2011   | DE-2-164            | 1      | 111                  | 11       | 106                  | 3.5                | 115                               | 4                          | 115                     | 4              | 100                     | (107)        |                   |
| DE-2-164-138-2011   | DE-2-164            | 2      | 98                   | 13       | 99                   | 3.5                | 100                               | 4                          | 101                     | 3              | 83                      | (102)        |                   |
| DE-2-164-139-2011   | DE-2-164            | 2      | 101                  | 15       | 103                  | 3.5                | 101                               | 4                          | 101                     | 4              | 97                      | (102)        |                   |
| DE-2-164-252-2010-K | DE-2-164            | 1      | 99                   | 60       | 100                  | 3.5                | 99                                | 3.5                        | 100                     | 4              | 92                      | (102)        |                   |
| DE-2-164-253-2010   | DE-2-164            | 1      | 111                  | 62       | 105                  | 4                  | 113                               | 3.5                        | 113                     | 4              | 101                     | (109)        |                   |
| DE-2-164-250-2010   | DE-2-164            | 2      | 108                  | 70       | 117                  | 3.5                | 104                               | 4                          | 105                     | 4              | 103                     | (105)        |                   |
| DE-2-164-251-2010   | DE-2-164            | 2      | 100                  | 53       | 100                  | 3.5                | 102                               | 4                          | 103                     | 3              | 86                      | (102)        |                   |
| DE-2-164-254-2010   | DE-2-164            | 2      | 94                   | 52       | 97                   | 3.5                | 89                                | 3                          | 89                      | 4              | 92                      | (101)        |                   |
| DE-2-164-255-2010   | DE-2-164            | 2      | 88                   | 45       | 89                   | 3.5                | 89                                | 3                          | 89                      | 2              | 74                      | (100)        |                   |