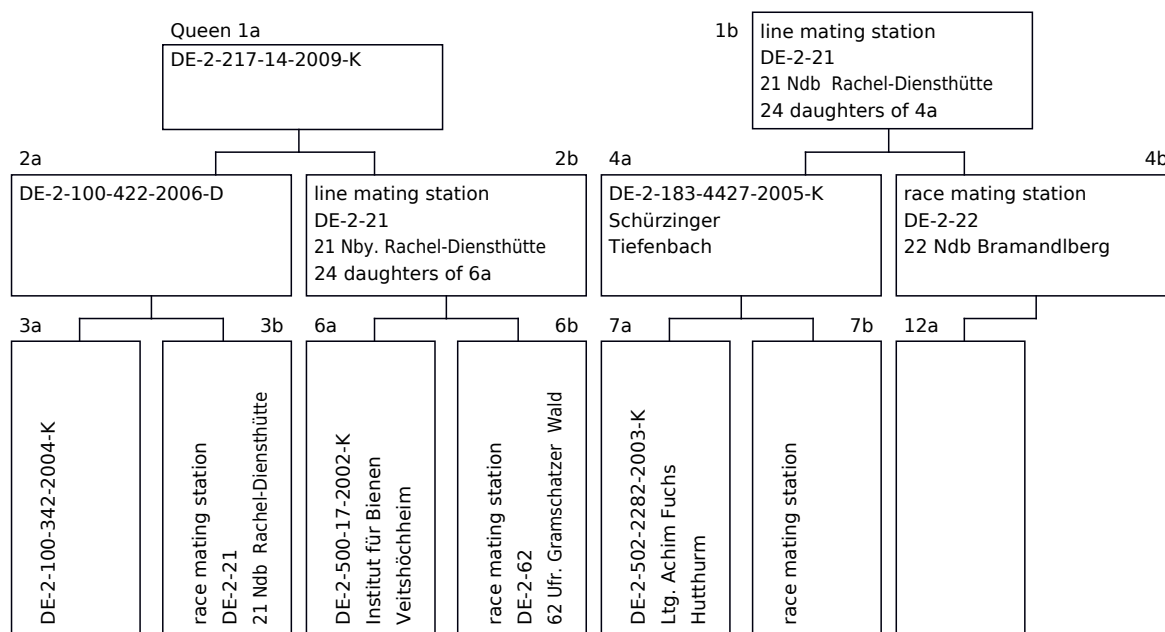


Tester of the queen: DE-2-217, Apiary 4  
Breeder of the queen: DE-2-217  
**1a** Studbook number: **DE-2-217-14-2009-K**

Race line: Sign: green  
Generation: Hatch date: 01.06.2009

Daughters of  
Queen: 0%  
Workers: 0%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony |                 |         | comparable colonies at the apiary |                  |
|---|-------------------|-----------------|---------|-----------------------------------|------------------|
|   | kg                | %               | Ranking | number                            | Yield average kg |
|   | 56                | 140.4           | 1       | 8                                 | 39.9             |
|   | Assessment*       | Breeding values |         |                                   | Reliability      |
| <b>Total breeding value<sup>1</sup></b> | -                 | 127             |         |                                   |                  |
| Honey yield                             | -                 | 117             |         |                                   | 0.36             |
| Defensive behavior                      | 3.80              | 135             |         |                                   | 0.54             |
| Steadiness on comb                      | 3.60              | 134             |         |                                   | 0.57             |
| Swarming drive                          | 4                 | 122             |         |                                   | 0.35             |
| Varroa                                  | -                 | (112)           |         |                                   | 0.2              |
| 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

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).

# Breeding selection report DE-2-217-14-2009-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 12

| 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-2-217-1-2009    | DE-2-217            | 2      | 104                  | 14       | 96                   | 2.9                | 112                               | 2.4                        | 106                     | 4              | 86                      | (101)        |                   |
| DE-2-217-2-2009    | DE-2-217            | 2      | 106                  | 15       | 97                   | 3                  | 112                               | 2.6                        | 112                     | 4              | 106                     | (102)        |                   |
| DE-2-217-3-2009    | DE-2-217            | 2      | 98                   | 15       | 94                   | 2.7                | 106                               | 2.4                        | 106                     | 2              | 86                      | (100)        |                   |
| DE-2-217-5-2009    | DE-2-217            | 2      | 108                  | 25       | 106                  | 2.8                | 114                               | 3                          | 114                     | 3.5            | 101                     | (103)        |                   |
| DE-2-217-4-2009    | DE-2-217            | 4      | 103                  | 47       | 102                  | 3.1                | 106                               | 2.8                        | 106                     | 3.5            | 96                      | (102)        |                   |
| DE-2-217-7-2009    | DE-2-217            | 4      | 98                   | 38       | 95                   | 2.8                | 104                               | 3                          | 104                     | 3.5            | 93                      | (98)         |                   |
| DE-2-217-8-2009    | DE-2-217            | 4      | 109                  | 47       | 104                  | 3.4                | 114                               | 3                          | 114                     | 3.5            | 100                     | (105)        |                   |
| DE-2-217-9-2009    | DE-2-217            | 4      | 103                  | 38       | 96                   | 3.2                | 105                               | 2.6                        | 105                     | 4              | 105                     | (101)        |                   |
| DE-2-217-10-2009   | DE-2-217            | 4      | 99                   | 41       | 98                   | 2.7                | 104                               | 3.1                        | 104                     | 3.5            | 94                      | (98)         |                   |
| DE-2-217-11-2009   | DE-2-217            | 4      | 95                   | 17       | 80                   | 3                  | 106                               | 3.1                        | 105                     | 3.5            | 90                      | (97)         |                   |
| DE-2-217-14-2009-K | DE-2-217            | 4      | 127                  | 56       | 117                  | 3.8                | 135                               | 3.6                        | 134                     | 4              | 122                     | (112)        |                   |
| DE-2-217-16-2009   | DE-2-217            | 4      | 99                   | 35       | 94                   | 2.9                | 106                               | 3.1                        | 106                     | 3.5            | 93                      | (99)         |                   |