

# Breeding selection report

## DE-8-192-2-2009-K

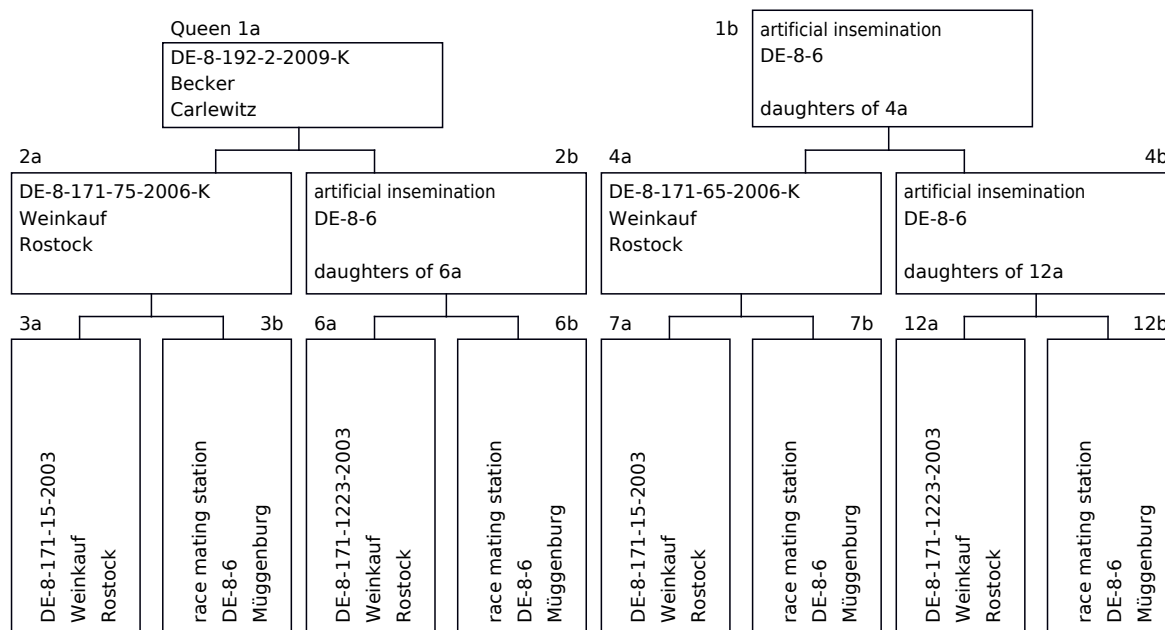
Tester of the queen: Becker, Ralf, 18337 Carlewitz, DE-8-192, Apiary 1  
 Breeder of the queen: Becker, Ralf, 18337 Carlewitz, DE-8-192  
**1a** Studbook number: **DE-8-192-2-2009-K**

Race line: -2  
 Generation:

Sign: green 60  
 Hatch date: 8.6.2009

Daughters of  
 Queen: 0.4%  
 Workers: 10%

### A. Pedigree



### B. Own performance

| 3. Own performance                | No. of the colony 192 |                                                                                                                                                                                                                                                                |                                                                                                                           | comparable colonies at the apiary |                  |  |  |  |  |  |             |
|-----------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------|--|--|--|--|--|-------------|
|                                   | kg                    | %                                                                                                                                                                                                                                                              | Ranking                                                                                                                   | number                            | Yield average kg |  |  |  |  |  |             |
| Performance test year             | 71                    | 123.7                                                                                                                                                                                                                                                          | 1                                                                                                                         | 8                                 | 57.4             |  |  |  |  |  |             |
|                                   | Assessment*           | Breeding values                                                                                                                                                                                                                                                |                                                                                                                           |                                   |                  |  |  |  |  |  | Reliability |
| Total breeding value <sup>1</sup> | -                     | 107                                                                                                                                                                                                                                                            | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |                  |  |  |  |  |  |             |
| Honey yield                       | -                     | 115                                                                                                                                                                                                                                                            | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |                  |  |  |  |  |  | 0.24        |
| Defensive behavior                | 3.90                  | 105                                                                                                                                                                                                                                                            | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |                  |  |  |  |  |  | 0.41        |
| Steadiness on comb                | 3.90                  | 106                                                                                                                                                                                                                                                            | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |                  |  |  |  |  |  | 0.44        |
| Swarming drive                    | 3.80                  | 106                                                                                                                                                                                                                                                            | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |                  |  |  |  |  |  | 0.24        |
| Varroa                            | -                     | (102)                                                                                                                                                                                                                                                          | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> |                                   |                  |  |  |  |  |  | 0.13        |
| 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              | 3.90                  | 70%100%170%                                                                                                                                                                                                                                                    |                                                                                                                           |                                   |                  |  |  |  |  |  |             |
| Development in Spring             | 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 |                                                                                                                           |                                   |                  |  |  |  |  |  |             |
| Colony strength                   | 3.90                  |                                                                                                                                                                                                                                                                |                                                                                                                           |                                   |                  |  |  |  |  |  |             |

<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).

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### Performance of the sisters

Amount of checked sisters: 9

| Studbook number    | Tester of the queen | Apiary | Total breeding value | Yield kg | Breeding Value Honey | Defensive behavior | Breeding Value Defensive | Calmness during inspection | Breeding Value Calmness | Swarming drive | Breeding Value Swarming | Varroa-index | Performance index |
|--------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|--------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|-------------------|
| DE-8-192-2-2009-K  | DE-8-192            | 1      | 107                  | 71       | 115                  | 3.9                | 105                      | 3.9                        | 106                     | 3.8            | 106                     | (102)        |                   |
| DE-8-192-6-2009-K  | DE-8-192            | 1      | 102                  | 62       | 105                  | 3.9                | 101                      | 3.8                        | 101                     | 3.8            | 102                     | (100)        |                   |
| DE-8-192-30-2009   | DE-8-192            | 1      | 98                   | 59       | 101                  | 3.8                | 96                       | 3.8                        | 97                      | 3.9            | 102                     | (97)         |                   |
| DE-8-192-32-2009   | DE-8-192            | 1      | 103                  | 57       | 100                  | 4                  | 105                      | 3.8                        | 105                     | 3.8            | 103                     | (101)        |                   |
| DE-8-192-45-2009   | DE-8-192            | 1      | 94                   | 49       | 90                   |                    | (96)                     |                            | (96)                    |                | (96)                    | (96)         |                   |
| DE-8-192-46-2009   | DE-8-192            | 1      | 92                   | 51       | 91                   | 3.8                | 92                       | 3.7                        | 92                      | 3.8            | 95                      | (95)         |                   |
| DE-8-192-47-2009   | DE-8-192            | 1      | 99                   | 56       | 98                   | 3.9                | 100                      | 3.8                        | 100                     | 3.8            | 100                     | (99)         |                   |
| DE-8-192-48-2009   | DE-8-192            | 1      | 98                   | 54       | 97                   | 3.8                | 99                       | 3.9                        | 99                      | 3.9            | 102                     | (96)         |                   |
| DE-8-171-64-2008-K | DE-8-171            | 1      | 104                  |          | 106                  |                    | 104                      |                            | 104                     |                | 105                     | (101)        |                   |