

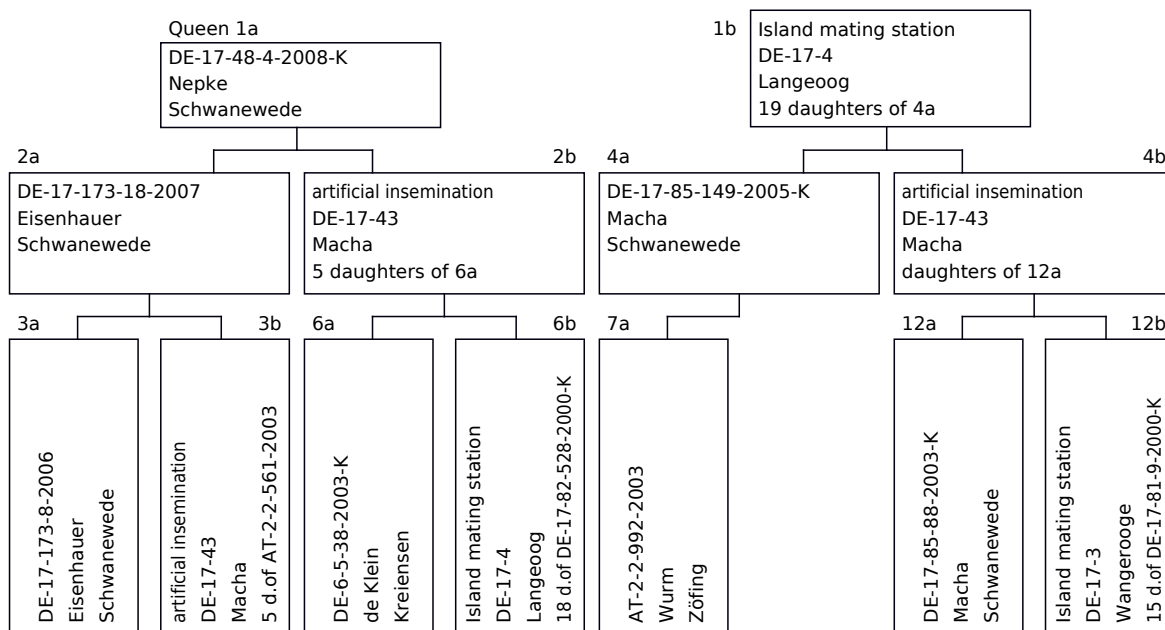
Tester of the queen: Nepke, David, Schwanewede, DE-17-48, Apiary 1  
Breeder of the queen: Nepke, David, Schwanewede, DE-17-48  
**1a** Studbook number: **DE-17-48-4-2008-K**

Race line: -30  
Generation: 1







Sign: red 18  
Hatch date: 19.7.2008

Daughters of  
Queen: 1.8%  
Workers: 0%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony 22 |                 |  | comparable colonies at the apiary |                  |      |
|---|----------------------|-----------------|--|-----------------------------------|------------------|------|
|   | kg                   | %               | Ranking  | number                            | Yield average kg |      |
|   | 48                   | 120.3           | 1  | 9                                 | 39.9             |      |
|   | Assessment*          | Breeding values |  |                                   | Reliability      |      |
| <b>Total breeding value<sup>1</sup></b> | -                    | 126             |  |                                   |                  |      |
| Honey yield                             | -                    | 114             |  |                                   |                  | 0.4  |
| Defensive behavior                      | 4                    | 132             |  |                                   |                  | 0.58 |
| Steadiness on comb                      | 4                    | 130             |  |                                   |                  | 0.61 |
| Swarming drive                          | 3.50                 | 117             |  |                                   |                  | 0.4  |
| Varroa                                  | -                    | 115*            |  |                                   |                  | 0.49 |
| Performance index                       | -                    | 0               |  |                                   |                  |      |
| Robustness in winter                    | 3.50                 |                 |  |                                   |                  |      |
| 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%.

Only one Varroa trait was recorded

### 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-17-48-4-2008-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 5

| 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-17-48-4-2008-K | DE-17-48            | 1      | 126                  | 48       | 114                  | 4                  | 132                      | 4                          | 130                     | 3.5            | 117                     | 115*         |                   |
| DE-17-48-5-2008   | DE-17-48            | 1      | 103                  | 35       | 98                   | 3                  | 103                      | 3.5                        | 102                     | 3.5            | 101                     | 104*         |                   |
| DE-17-48-6-2008   | DE-17-48            | 1      | 115                  | 47       | 111                  | 3.5                | 120                      | 4                          | 120                     | 3.5            | 111                     | 106*         |                   |
| DE-17-48-7-2008   | DE-17-48            | 1      | 88                   | 9        | 79                   | 3                  | 96                       | 3                          | 96                      | 4              | 108                     | 84*          |                   |
| DE-17-48-9-2008   | DE-17-48            | 1      | 98                   | 48       | 106                  | 2                  | 97                       | 3.5                        | 98                      | 3.5            | 101                     | 95*          |                   |

Only one Varroa trait was recorded