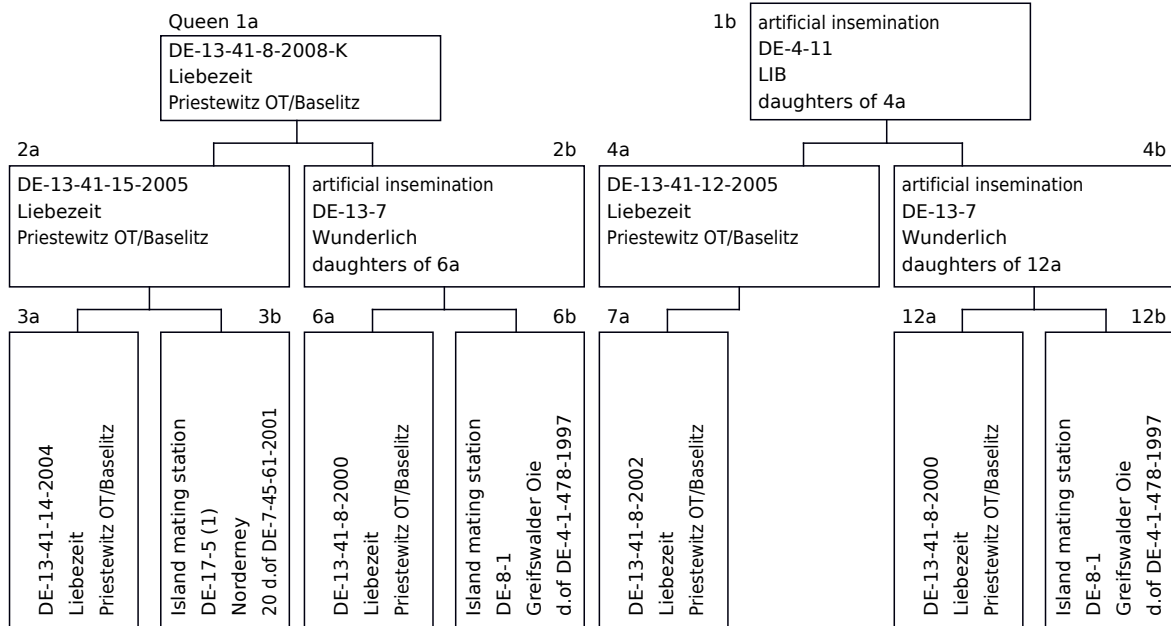


Tester of the queen: Liebezeit, Gerhard, 01561 Priestewitz OT/Baselitz, DE-13-41, Apiary 1  
 Breeder of the queen: Liebezeit, Gerhard, 01561 Priestewitz OT/Baselitz, DE-13-41  
**1a** Studbook number: **DE-13-41-8-2008-K**

Race line: Sign: red 88 Daughters of Queen: 0.2%  
 Generation: 3 Hatch date: 29.05.2008 Workers: 6.8%

### A. Pedigree



### B. Own performance

| Performance test year                   | No. of the colony 9 |                 |         | comparable colonies at the apiary |                  |      |
|---|---------------------|-----------------|---------|-----------------------------------|------------------|------|
|   | kg                  | %               | Ranking | number                            | Yield average kg |      |
|   | 63.7                | 106.9           | 4       | 9                                 | 59.6             |      |
|   | Assessment*         | Breeding values |         |                                   | Reliability      |      |
| <b>Total breeding value<sup>1</sup></b> | -                   | 104             | ■       |                                   |                  |      |
| Honey yield                             | -                   | 107             | ■       |                                   |                  | 0.3  |
| Defensive behavior                      | 3.90                | 105             | ■       |                                   |                  | 0.49 |
| Steadiness on comb                      | 3.90                | 105             | ■       |                                   |                  | 0.52 |
| Swarming drive                          | 3.80                | 106             | ■       |                                   |                  | 0.3  |
| Varroa                                  | -                   | (100)           |         |                                   |                  | 0.16 |
| Performance index                       | -                   | 0               |         |                                   |                  |      |
| Robustness in winter                    | 3.80                | 70% 100% 170%   |         |                                   |                  |      |
| Development in Spring                   | 3.80                |                 |         |                                   |                  |      |
| Colony strength                         | 3.70                |                 |         |                                   |                  |      |

<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-13-41-8-2008-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 3

| 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 ndex |
|-------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|--------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| DE-13-41-8-2008-K | DE-13-41            | 1      | 104                  | 63.7     | 107                  | 3.9                | 105                      | 3.9                        | 105                     | 3.8            | 106                     | (100)        |                  |
| DE-13-41-9-2008   | DE-13-41            | 1      | 91                   | 54       | 94                   | 3.8                | 91                       | 3.6                        | 91                      | 3.5            | 91                      | (96)         |                  |
| DE-13-41-10-2008  | DE-13-41            | 1      | 86                   | 47.1     | 86                   | 3.7                | 86                       | 3.6                        | 86                      | 3.7            | 91                      | (92)         |                  |