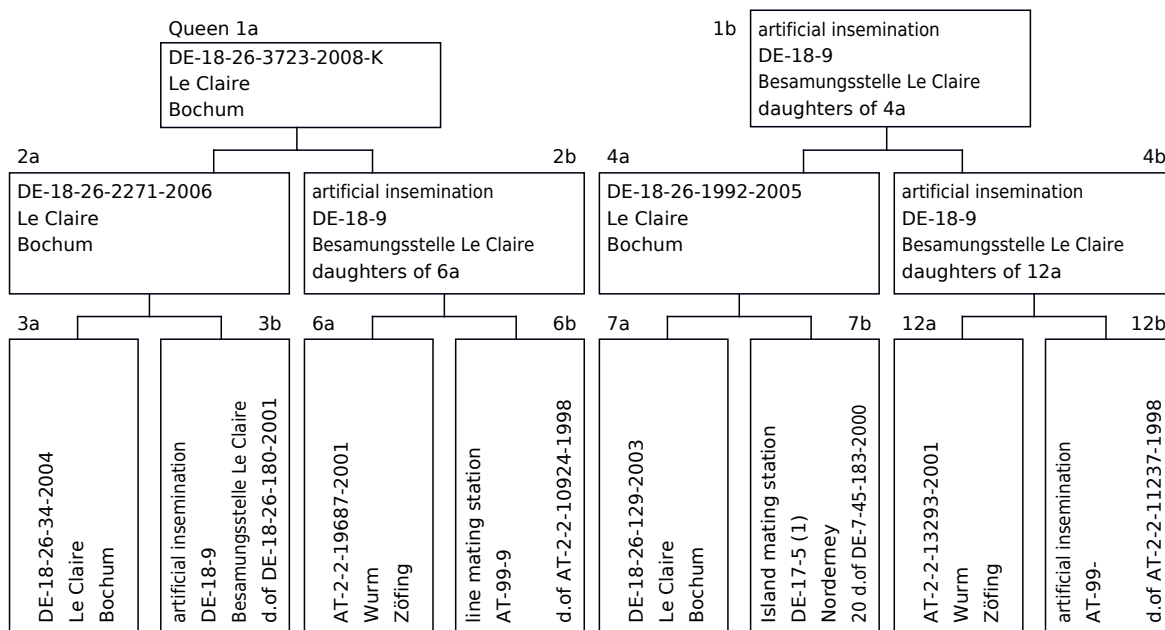


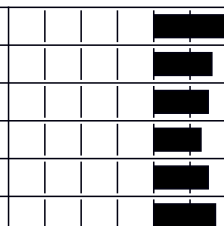
Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 4
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-3723-2008-K**

Race line: Sign: red 23 Daughters of Queen: 0%
 Generation: 7 Hatch date: 28.06.2008 Workers: 0.7%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | | | |
|---|-------------------|-----------------|--|-----------------------------------|------------------|-------------|------|
| | kg | % | Ranking | number | Yield average kg | | |
| | 66.2 | 123.4 | 3 | 13 | 53.7 | | |
| | Assessment* | Breeding values | | | | Reliability | |
| Total breeding value¹ | - | 120 |  | | | | |
| Honey yield | - | 116 | | | | | 0.41 |
| Defensive behavior | 4 | 115 | | | | | 0.61 |
| Steadiness on comb | 4 | 113 | | | | | 0.63 |
| Swarming drive | 4 | 115 | | | | | 0.41 |
| Varroa | - | 117 | | | | | 0.51 |
| Performance index | - | 0 | | | | | |
| Robustness in winter | 4 | 70% 100% 170% | | | | | |
| Development in Spring | 4 | | | | | | |
| Colony strength | 4 | | | | | | |

¹In 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

Breeding selection report DE-18-26-3723-2008-K

Page 2

Performance of the sisters

Amount of checked sisters: 6

| 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-18-26-3715-2008 | DE-18-26 | 2 | 124 | 59.7 | 116 | 3.9 | 100 | 3.9 | 100 | 4 | 100 | 126 | |
| DE-18-26-3731-2008 | DE-18-26 | 2 | 95 | 49.7 | 102 | 3.6 | 100 | 3.7 | 101 | 3.7 | 105 | 86 | |
| DE-18-26-3738-2008 | DE-18-26 | 2 | 93 | 47.3 | 99 | 3.6 | 96 | 3.5 | 97 | 3.5 | 98 | 91 | |
| DE-18-26-3720-2008 | DE-18-26 | 3 | 117 | 59.5 | 110 | 4 | 116 | 4 | 115 | 3.8 | 109 | 114 | |
| DE-18-26-3723-2008-K | DE-18-26 | 4 | 120 | 66.2 | 116 | 4 | 115 | 4 | 113 | 4 | 115 | 117 | |
| DE-18-26-3726-2008 | DE-18-26 | 4 | 82 | 40.8 | 90 | 3.8 | 94 | 3.4 | 96 | 3.8 | 104 | 72 | |