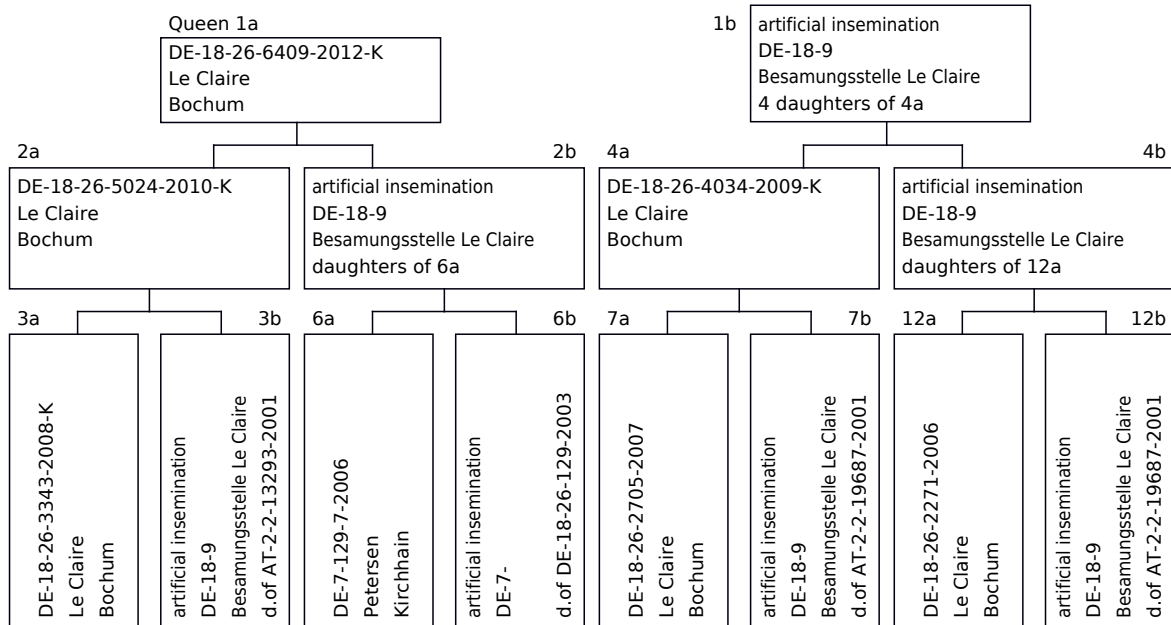


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 2
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-6409-2012-K**







Race line: Sign: yellow 9
 Generation: 6 Hatch date: 08.06.2012

Daughters of Queen: 1.9%
 Workers: 2.1%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | |
|---|-------------------|-----------------|--|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 41.3 | 100.5 | 8 | 14 | 41.1 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 115 |  | | |
| Honey yield | - | 111 |  | | 0.4 |
| Defensive behavior | 3.90 | 111 |  | | 0.6 |
| Steadiness on comb | 3.90 | 111 |  | | 0.63 |
| Swarming drive | 4 | 112 |  | | 0.39 |
| Varroa | - | 112 |  | | 0.5 |
| Performance index | - | 0 | | | |
| Robustness in winter | 4 | | | | |
| 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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

Breeding selection report DE-18-26-6409-2012-K

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Performance of the sisters

Amount of checked sisters: 4

| 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-18-26-6404-2012 | DE-18-26 | 2 | 91 | 37.6 | 102 | 3 | 84 | 3.1 | 111 | 3.5 | 93 | 93 | |
| DE-18-26-6407-2012 | DE-18-26 | 2 | 87 | 32.8 | 97 | 2.7 | 84 | 3 | 84 | 3 | 87 | 93 | |
| DE-18-26-6409-2012-K | DE-18-26 | 2 | 115 | 41.3 | 111 | 3.9 | 111 | 3.9 | 111 | 4 | 112 | 112 | |
| DE-18-26-6415-2012 | DE-18-26 | 3 | 98 | 24.3 | 95 | 3.5 | 100 | 3.5 | 100 | 3 | 94 | 100 | |