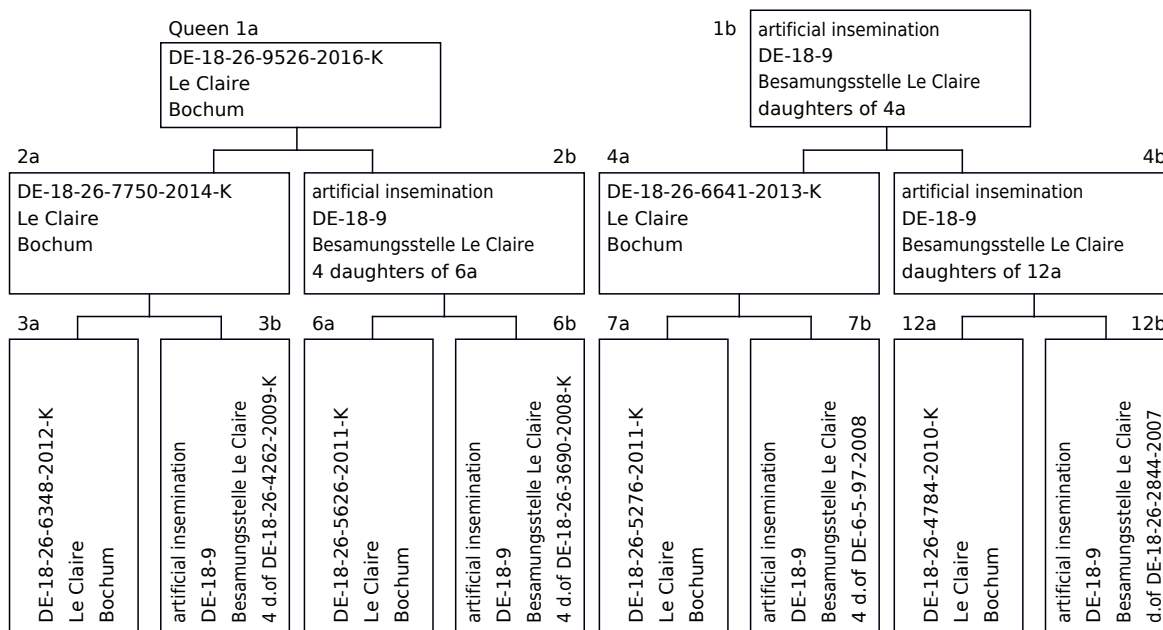


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 4
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-9526-2016-K**

Race line: Sign: white 26 Daughters of Queen: 0.0%
 Generation: Hatch date: 27.05.2016 Workers: 0.6%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | |
|---|-------------------|-----------------|---------|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 45.8 | 101.6 | 8 | 18 | 45.1 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 114 | | | |
| Honey yield | - | 108 | | | 0.36 |
| Defensive behavior | 4 | 106 | | | 0.6 |
| Steadiness on comb | 4 | 106 | | | 0.6 |
| Swarming drive | 4 | 106 | | | 0.33 |
| Varroa | - | 117 | | | 0.29 |
| 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 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-18-26-9526-2016-K

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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 ndex |
|----------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|--------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| DE-18-26-9527-2016-K | DE-18-26 | 2 | 107 | 22.0 | 98 | 4 | Behavior | 4 | 109 | 4 | 109 | 101 | |
| DE-18-26-9530-2016-K | DE-18-26 | 2 | 113 | 29.5 | 106 | 4 | 108 | 4 | inspection | 4 | 110 | 111 | |
| DE-18-26-9531-2016 | DE-18-26 | 2 | 80 | 28.2 | 105 | 3 | 84 | 3 | 84 | 2 | 86 | 79 | |
| DE-18-26-9521-2016-K | DE-18-26 | 3 | 115 | 44.2 | 113 | 4 | 105 | 4 | 106 | 4 | 108 | 115 | |
| DE-18-26-9525-2016 | DE-18-26 | 3 | 80 | 16.6 | 95 | 3.6 | 94 | 3.6 | 94 | 1 | 79 | 77 | |
| DE-18-26-9532-2016-K | DE-18-26 | 3 | 110 | 34.5 | 106 | 4 | 106 | 4 | 107 | 4 | 107 | 109 | |
| DE-18-26-9538-2016-K | DE-18-26 | 3 | 109 | 36.7 | 108 | 4 | 106 | 4 | 107 | 4 | 107 | 104 | |
| DE-18-26-9526-2016-K | DE-18-26 | 4 | 114 | 45.8 | 108 | 4 | 106 | 4 | 106 | 4 | 106 | 117 | |
| DE-18-26-9537-2016-K | DE-18-26 | 4 | 105 | 42.7 | 105 | 4 | 106 | 4 | 107 | 4 | 105 | 100 | |