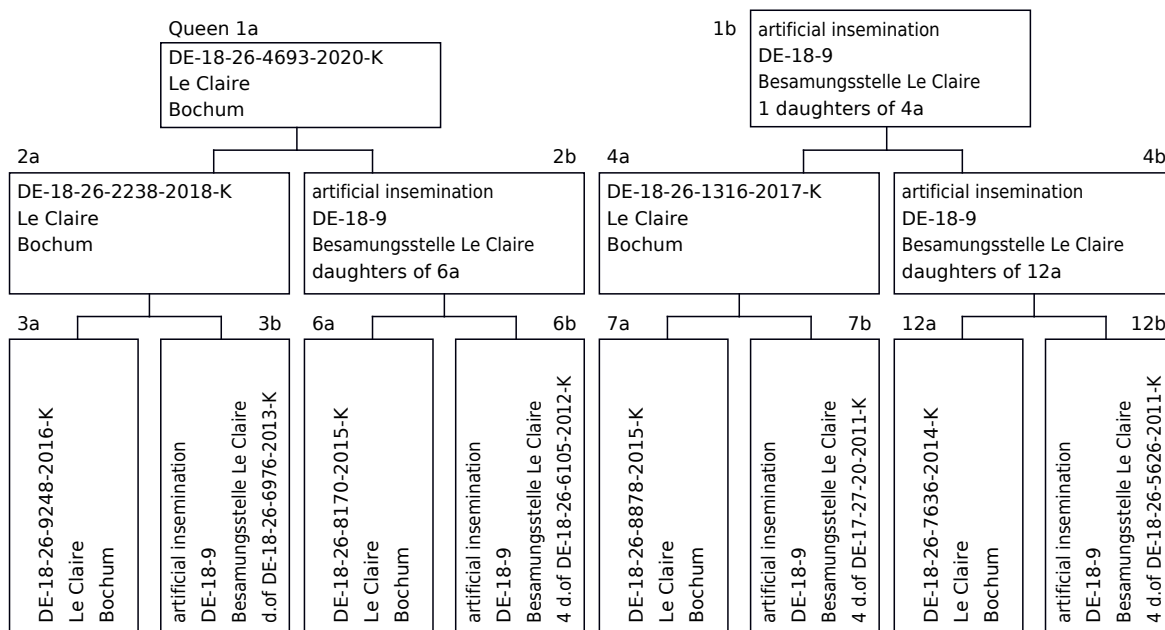


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 2
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-4693-2020-K**

Race line: -C-Le Claire Sign: blue Daughters of Queen: 4.5%
 Generation: 13 Hatch date: 16.06.2020 Workers: 3.1%

A. Pedigree



B. Own performance

| Performance test year | No. of the colony | | | comparable colonies at the apiary | |
|---|-------------------|-----------------|---------|-----------------------------------|------------------|
| | kg | % | Ranking | number | Yield average kg |
| | 32.6 | 158.9 | 1 | 15 | 20.5 |
| | Assessment* | Breeding values | | | Reliability |
| Total breeding value¹ | - | 117 | | | |
| Honey yield | - | 131 | | | |
| Defensive behavior | 4 | 110 | | | |
| Steadiness on comb | 4 | 115 | | | |
| Swarming drive | 4 | 111 | | | |
| Varroa | - | 108 | | | |
| Performance index | - | 119 | | | |
| 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-18-26-4693-2020-K

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Performance of the sisters

Amount of checked sisters: 8

| 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 ndex |
|----------------------|---------------------|--------|----------------------|----------|----------------------|--------------------|-----------------------------------|----------------------------|-------------------------|----------------|-------------------------|--------------|------------------|
| DE-18-26-4692-2020-K | DE-18-26 | 2 | 116 | 21.3 | 124 | 4 | 110 | 4 | 115 | 4 | 111 | 108 | 118 |
| DE-18-26-4693-2020-K | DE-18-26 | 2 | 117 | 32.6 | 131 | 4 | 110 | 4 | 115 | 4 | 111 | 108 | 119 |
| DE-18-26-4699-2020-K | DE-18-26 | 2 | 114 | 18.4 | 122 | 4 | 111 | 4 | 115 | 4 | 111 | 105 | 117 |
| DE-18-26-4601-2020-K | DE-18-26 | 5 | 116 | 24.5 | 123 | 4 | 112 | 4 | 116 | 4 | 111 | 106 | 118 |
| DE-18-26-4602-2020-K | DE-18-26 | 5 | 118 | 37.8 | 131 | 4 | 111 | 4 | 115 | 4 | 111 | 108 | 120 |
| DE-18-26-4604-2020-K | DE-18-26 | 5 | 116 | 28.6 | 126 | 4 | 112 | 4 | 116 | 4 | 111 | 107 | 119 |
| DE-18-26-4688-2020-K | DE-18-26 | 5 | 117 | 27.8 | 125 | 4 | 112 | 4 | 116 | 4 | 111 | 109 | 118 |
| DE-18-26-4695-2020-K | DE-18-26 | 5 | 116 | 29.1 | 126 | 4 | 112 | 4 | 116 | 4 | 111 | 107 | 119 |