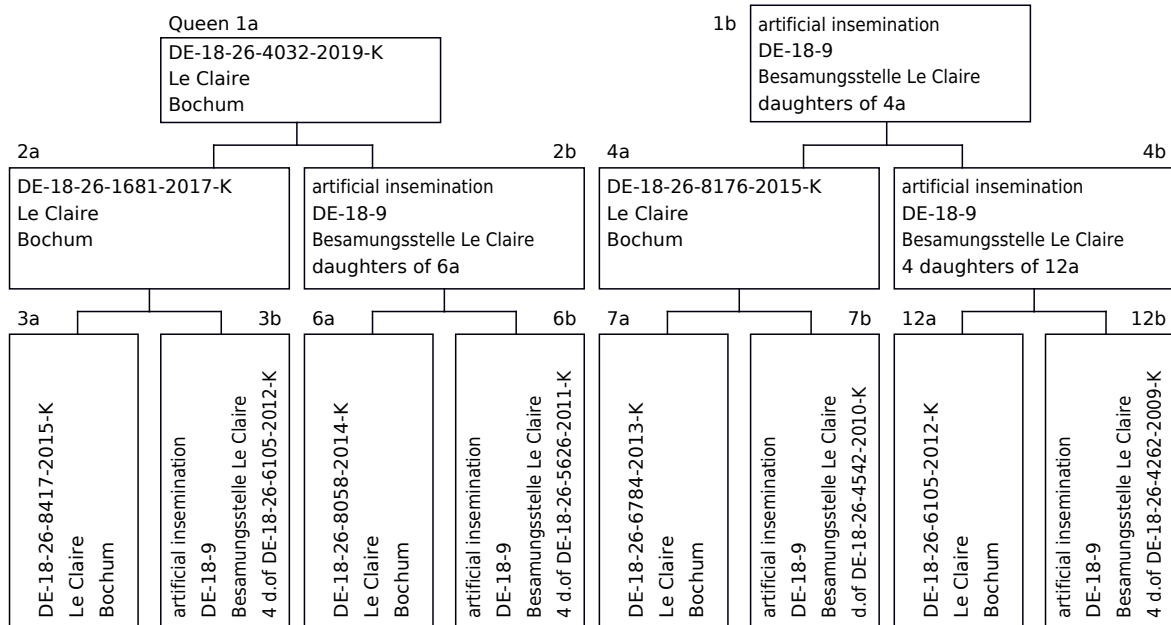


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 4  
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26  
**1a** Studbook number: **DE-18-26-4032-2019-K**

Race line: -C-Le Claire Sign: green Daughters of Queen: 2.0%  
 Generation: Hatch date: 25.05.2019 Workers: 5.7%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	28.4	115	6	29	24.7
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	111			
Honey yield	-	116			0.43
Defensive behavior	4	112			0.55
Steadiness on comb	4	114			0.55
Swarming drive	4	104			0.44
Varroa	-	104			0.47
Performance index	-	113			0.43
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	4				

<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 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-18-26-4032-2019-K

## Page 2

### 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 index
DE-18-26-4012-2019-K	DE-18-26	2	110	23.6	113	4	111	4	114	4	104	103	112
DE-18-26-4044-2019-K	DE-18-26	2	107	18.4	110	3.8	109	3.8	111	4	102	100	109
DE-18-26-4032-2019-K	DE-18-26	4	111	28.4	116	4	112	4	114	4	104	104	113
DE-18-26-4046-2019	DE-18-26	4	105	15.3	106	4	112	4	114	2	93	99	107
DE-18-26-4053-2019-K	DE-18-26	5	108	22.8	112	3.8	108	3.8	110	4	104	102	110
DE-18-26-45-2019	UA-1-5	6	108		112		111		111		96	103*	109
DE-18-26-51-2019	UA-1-6	1	110		111		113		114		105	(102)	113
DE-18-26-24-2019	UA-2-12	1	110		116		112		114		102	(102)	113

Only one Varroa trait was recorded