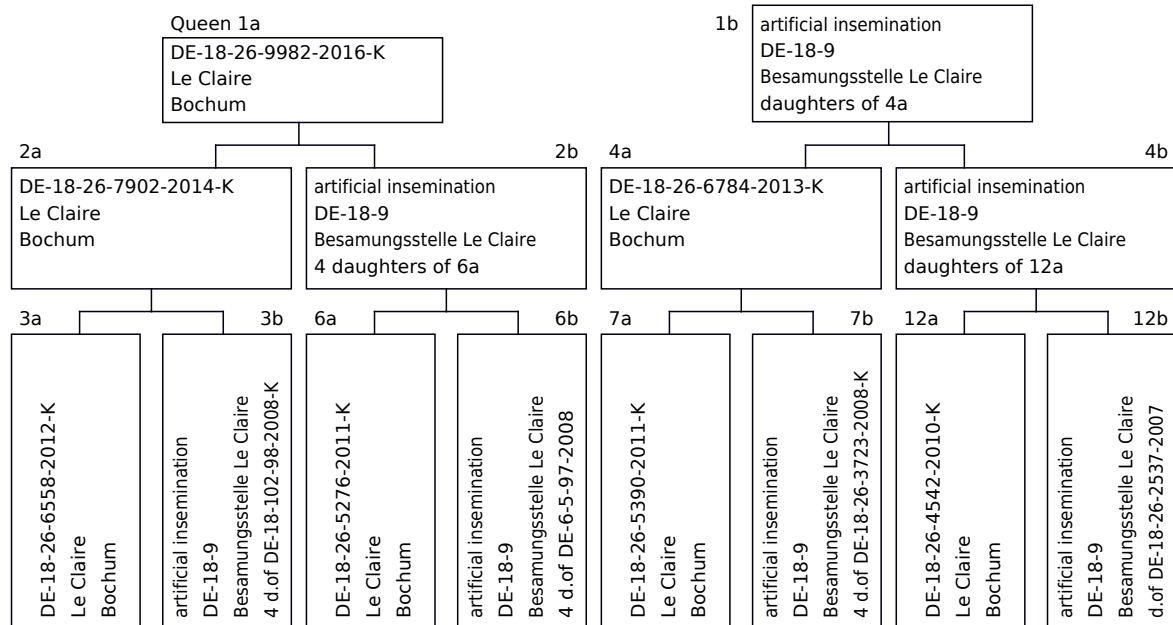


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 4
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-9982-2016-K**

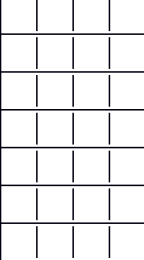
Race line: Sign: white 82
 Generation: Hatch date: 10.06.2016

Daughters of
 Queen: 3.2%
 Workers: 2.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	44.5	98.7	9	18	45.1	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	113				
Honey yield	-	101				0.38
Defensive behavior	4	105				0.6
Steadiness on comb	4	106				0.6
Swarming drive	4	108				0.34
Varroa	-	117				0.29
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-18-26-9982-2016-K

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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-18-26-9969-2016-K	DE-18-26	4	114	61.8	117	4	103	4	103	4	108	112	
DE-18-26-9971-2016	DE-18-26	4	72	19.6	80	3	82	3.2	82	2.5	82	77	
DE-18-26-9973-2016-K	DE-18-26	4	110	40.8	98	3.9	103	3.9	103	4	108	115	
DE-18-26-9979-2016-K	DE-18-26	4	106	39.7	97	4	106	4	106	4	108	105	
DE-18-26-9982-2016-K	DE-18-26	4	113	44.5	101	4	105	4	106	4	108	117	
DE-18-26-9991-2016-K	DE-18-26	4	101	36.5	94	3.8	101	3.8	101	4	107	102	