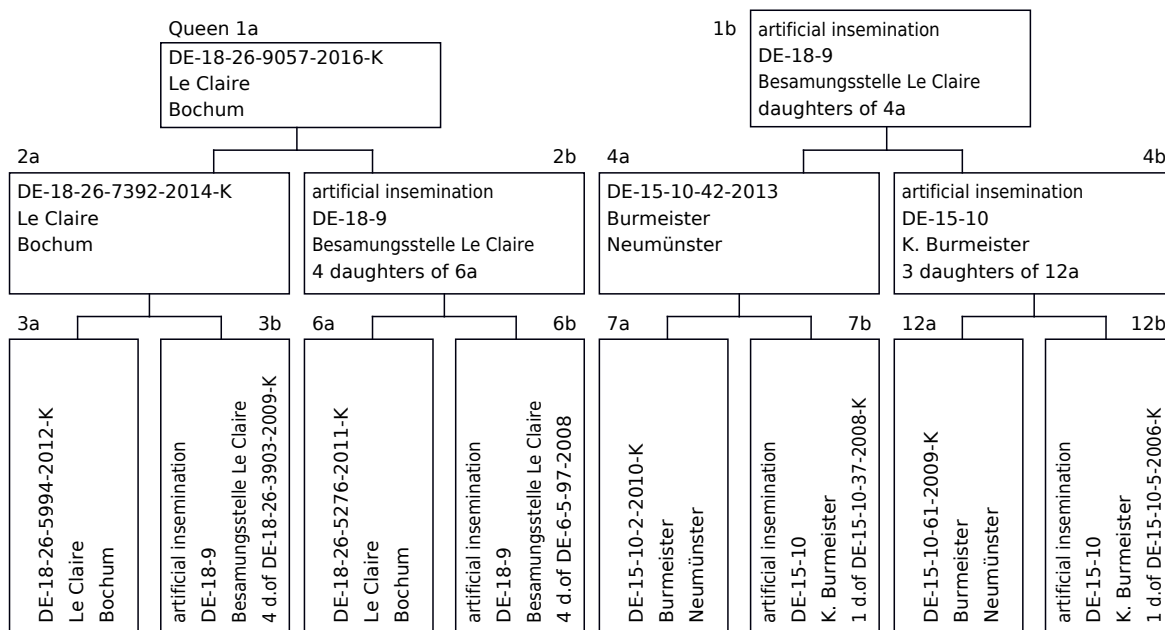


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 3
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-9057-2016-K**

Race line: Sign: white 57 Daughters of Queen: 3.4%
 Generation: Hatch date: 24.06.2016 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
	40.7	110.8	6	18	36.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	110			
Honey yield	-	106			0.37
Defensive behavior	4	103			0.6
Steadiness on comb	4	104			0.6
Swarming drive	4	110			0.34
Varroa	-	110			0.3
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-18-26-9057-2016-K

Page 2

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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-18-26-9036-2016-K	DE-18-26	2	109	39.3	111	4	109	4	109	4	109	102	
DE-18-26-9047-2016-K	DE-18-26	2	104	31.1	103	3.8	101	3.8	101	4	111	101	
DE-18-26-9053-2016-K	DE-18-26	2	109	28.7	100	4	106	4	106	4	112	107	
DE-18-26-9054-2016-K	DE-18-26	2	101	28.4	100	4	106	4	106	4	112	91	
DE-18-26-9057-2016-K	DE-18-26	3	110	40.7	106	4	103	4	104	4	110	110	
DE-18-26-9072-2016	DE-18-26	3	95	31.8	100	3.4	87	3.6	88	4	106	99	
DE-18-26-9037-2016	DE-18-26	4	93	31.4	90	3.8	100	3.9	101	4	106	86	
DE-18-26-9038-2016-K	DE-18-26	4	103	49.3	106	4	103	4	103	4	108	96	
DE-18-26-9040-2016-K	DE-18-26	4	107	51.1	108	4	103	4	103	4	108	105	