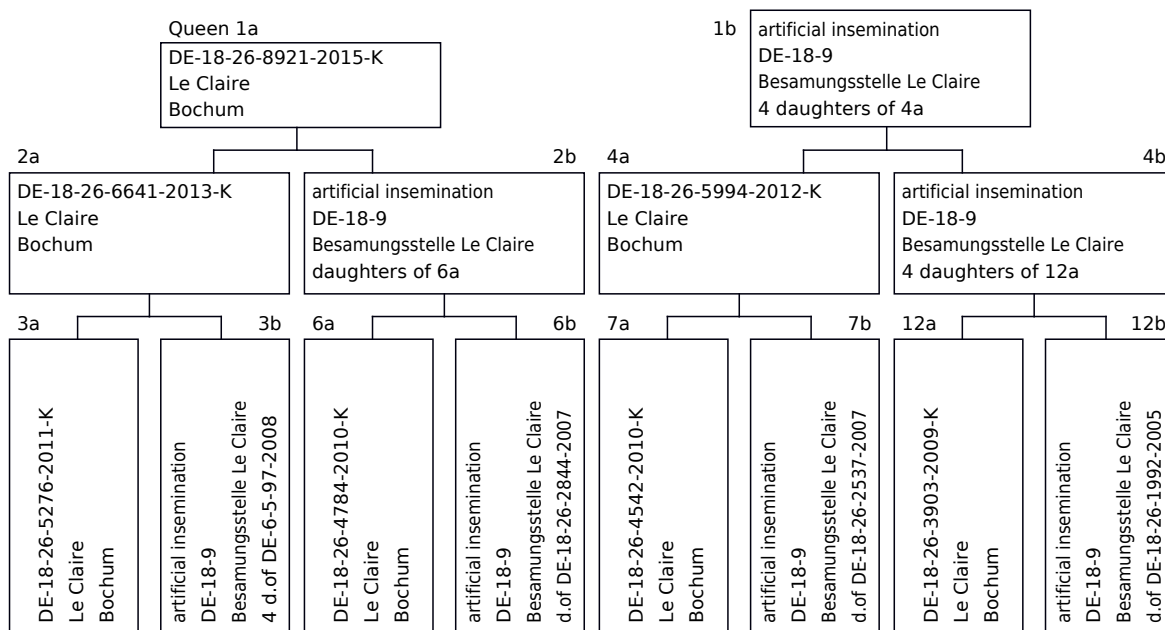


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 5
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-8921-2015-K**

Race line: Sign: blue 21 Daughters of Queen: 5.5%
 Generation: Hatch date: 05.06.2015 Workers: 3.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	39.2	130.1	1	12	30.1
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	130			
Honey yield	-	124			0.4
Defensive behavior	4	119			0.59
Steadiness on comb	4	117			0.62
Swarming drive	4	122			0.39
Varroa	-	127			0.49
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-18-26-8921-2015-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-18-26-8907-2015-K	DE-18-26	5	119	29.5	112	3.9	119	3.9	119	4	117	117	
DE-18-26-8908-2015-K	DE-18-26	5	125	35.2	119	4	119	4	118	4	123	119	
DE-18-26-8913-2015	DE-18-26	5	88	20.9	95	3.3	93	3.4	95	2	98	83	
DE-18-26-8919-2015-K	DE-18-26	5	114	24.3	105	3.8	109	3.8	107	4	115	113	
DE-18-26-8921-2015-K	DE-18-26	5	130	39.2	124	4	119	4	117	4	122	127	
DE-18-26-8926-2015-K	DE-18-26	5	127	29.8	113	4	118	4	116	4	118	129	