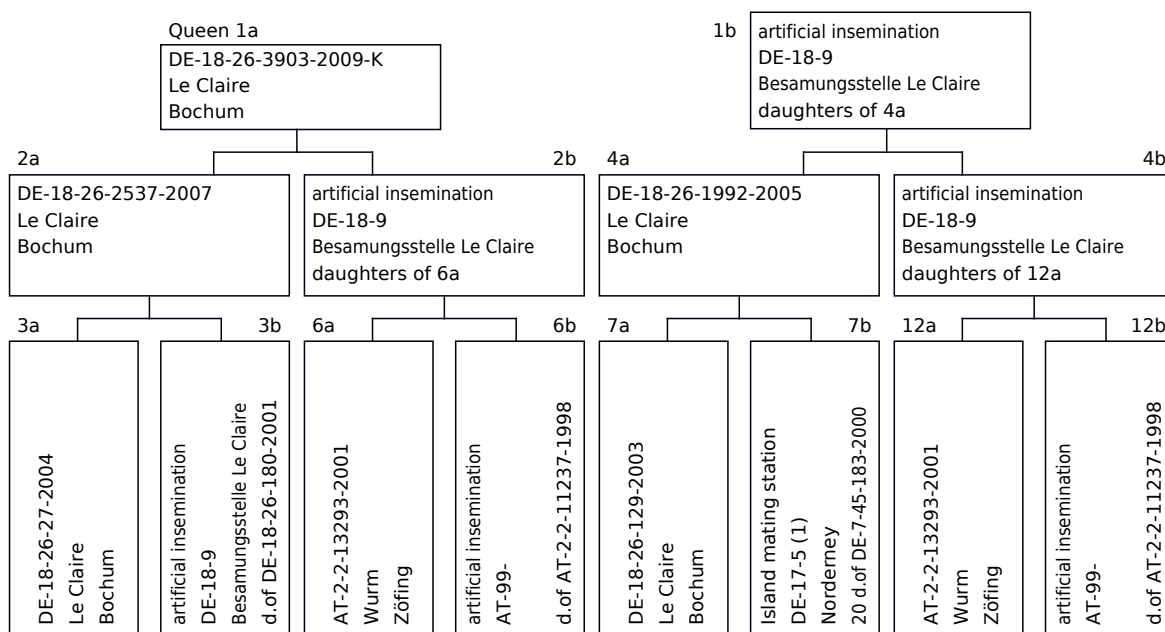


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 2
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-3903-2009-K**

Race line: Sign: green 3 Daughters of Queen: 0%
 Generation: 7 Hatch date: 15.05.2009 Workers: 7.4%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	50.8	90.5	7	12	56.1	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	112	■			
Honey yield	-	106	■			0.41
Defensive behavior	3.90	112	■			0.62
Steadiness on comb	4	111	■			0.64
Swarming drive	4	112	■			0.4
Varroa	-	108	■			0.51
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-18-26-3903-2009-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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-18-26-3903-2009-K	DE-18-26	2	112	50.8	106	3.9	112	4	111	4	112	108	
DE-18-26-3904-2009	DE-18-26	2	117	54.6	109	3.9	110	3.9	108	4	109	119	
DE-18-26-3907-2009	DE-18-26	3	102	76.3	118	3.6	105	3.8	107	3.5	104	90	
DE-18-26-3911-2009	DE-18-26	3	86	47.8	85	3.1	82	3.1	81	3.8	88	97	
DE-18-26-3915-2009	DE-18-26	3	90	68.5	110	3.5	96	3.5	99	4	112	75	
DE-18-26-3919-2009	DE-18-26	4	107	59.7	107	3.8	99	3.8	98	4	103	110	