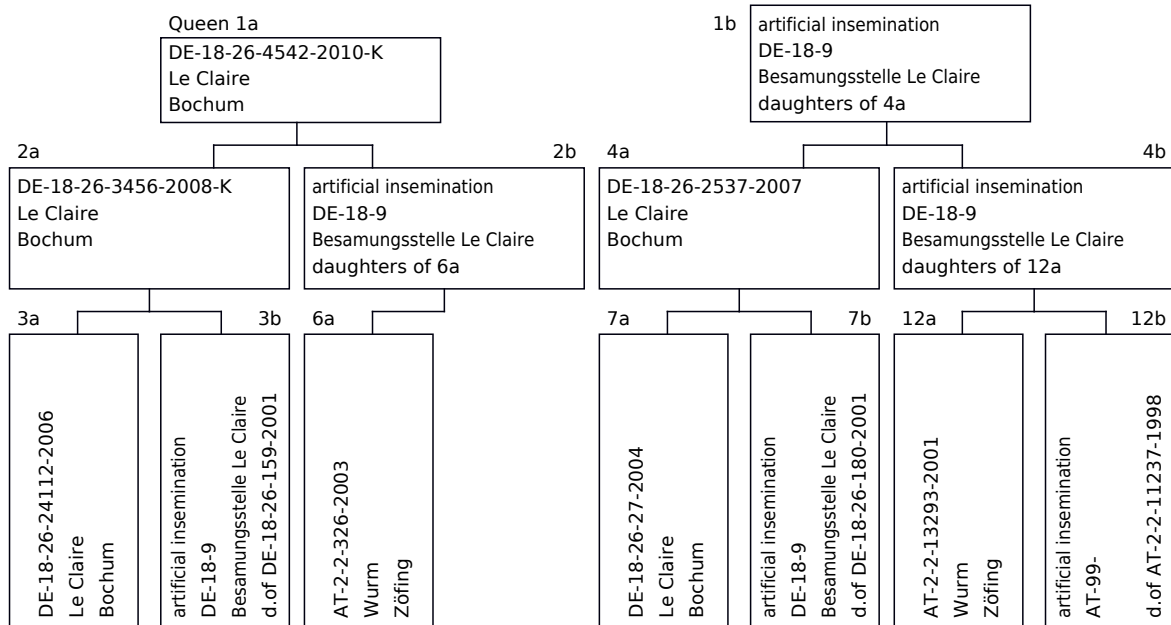


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 1  
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26  
**1a** Studbook number: **DE-18-26-4542-2010-K**

Race line: Sign: blue 42  
 Generation: 5 Hatch date: 05.06.2010

Daughters of Queen: 0%  
 Workers: 0.8%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	59.8	126.6	2	12	47.3
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	131			
Honey yield	-	122			0.38
Defensive behavior	4	117			0.58
Steadiness on comb	4	115			0.61
Swarming drive	4	114			0.37
Varroa	-	133			0.49
Performance index	-	0			
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-18-26-4542-2010-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-18-26-4542-2010-K	DE-18-26	1	131	59.8	122	4	117	4	115	4	114	133	
DE-18-26-4543-2010	DE-18-26	1	118	47.8	111	3.9	111	3.9	110	4	112	117	
DE-18-26-4544-2010	DE-18-26	1	113	47.2	110	3.8	109	3.9	108	4	111	109	
DE-18-26-4552-2010	DE-18-26	1	124	50.1	114	4	116	4	115	4	114	123	
DE-18-26-4555-2010	DE-18-26	1	122	52.3	116	4	117	4	115	4	115	118	
DE-18-26-4557-2010	DE-18-26	1	90	36.9	97	3.4	93	3.5	94	3.5	97	88	