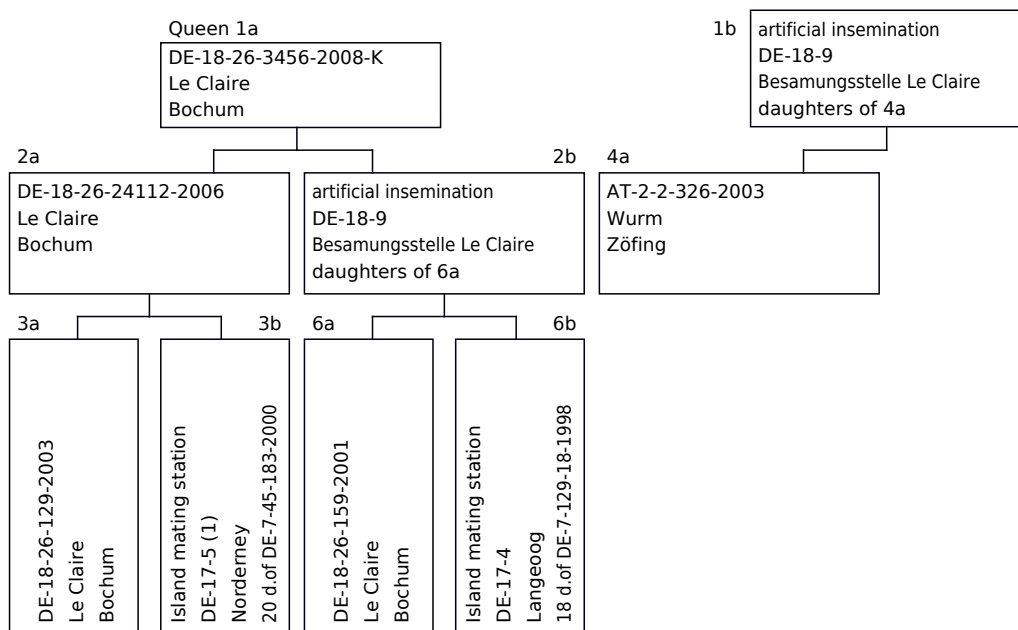


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 3
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-3456-2008-K**

Race line: Sign: red 56 Daughters of Queen: 4.6%
 Generation: 4 Hatch date: 07.06.2008 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	69.8	123.8	1	13	56.4
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	123			
Honey yield	-	122			0.41
Defensive behavior	4	118			0.61
Steadiness on comb	4	118			0.63
Swarming drive	4	119			0.41
Varroa	-	114			0.51
Performance index	-	0			
Robustness in winter	3		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 J

Breeding selection report DE-18-26-3456-2008-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-18-26-3449-2008	DE-18-26	2	119	45	104	4	104	4	119	4	114	114	
DE-18-26-3452-2008	DE-18-26	3	96	46.5	97	3.9	110	3.9	112	3.8	110	81	
DE-18-26-3456-2008-K	DE-18-26	3	123	69.8	122	4	118	4	118	4	119	114	
DE-18-26-3461-2008	DE-18-26	3	76	46.2	89	2.9	77	3	78	3.6	88	79	
DE-18-26-3454-2008	DE-18-26	4	121	61.2	114	4	115	4	114	4	113	119	
DE-18-26-3455-2008	DE-18-26	4	109	48	101	3.9	108	3.9	107	4	108	108	