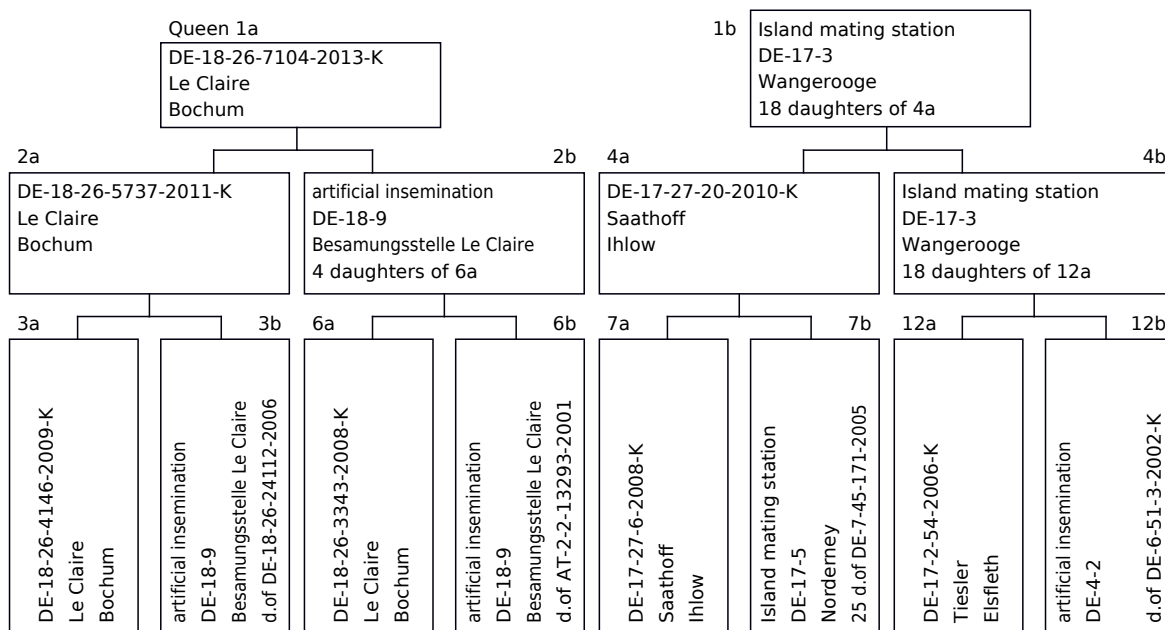


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 2
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-7104-2013-K**

Race line: Sign: red 4
 Generation: Hatch date: 21.06.2013

Daughters of Queen: 1.1%
 Workers: 0.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	57.7	137.3	1	25	42.0
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	127			
Honey yield	-	126			0.44
Defensive behavior	4	118			0.64
Steadiness on comb	4	117			0.67
Swarming drive	4	119			0.43
Varroa	-	122			0.54
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-18-26-7104-2013-K

Page 2

Performance of the sisters

Amount of checked sisters: 10

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-18-26-89-2013	DE-6-196	1	110		116		109		109		109	104	
DE-18-26-82-2013	DE-6-196	2	107		107		107		108		111	101	
DE-18-26-83-2013	DE-6-196	2	102		106		100		101		119	94	
DE-18-26-7104-2013-K	DE-18-26	2	127	57.7	126	4	118	4	117	4	119	122	
DE-18-26-7106-2013-K	DE-18-26	2	112	34.6	109	4	116	4	117	4	118	101	
DE-18-26-7181-2013	DE-18-26	2	120	46.1	118	4	117	4	117	4	118	113	
DE-18-26-7184-2013-K	DE-18-26	2	123	48	119	4	117	4	116	4	117	118	
DE-18-26-7186-2013-K	DE-18-26	2	113	40.9	112	3.8	108	3.7	107	4	112	111	
DE-18-26-7191-2013	DE-18-26	2	82	25.9	95	2.8	88	3	90	2	90	79	
DE-18-26-7199-2013	DE-18-26	2	88	36.4	102	2.5	82	2	84	4	103	87	