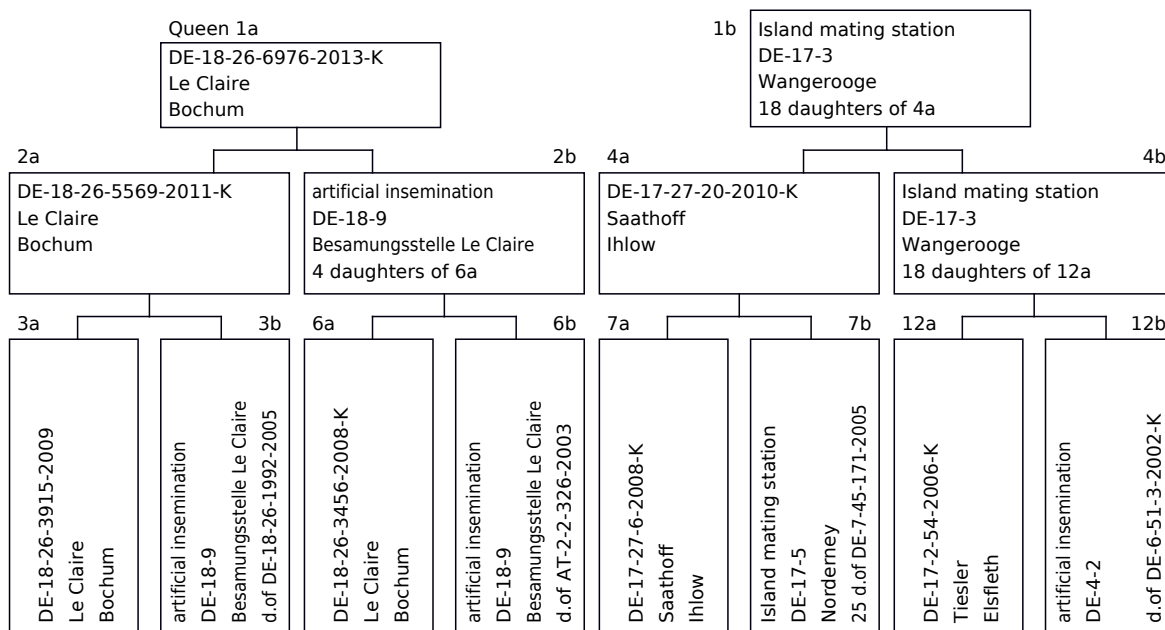


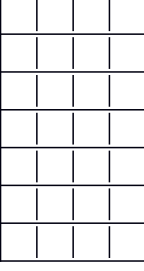
Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 2
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-6976-2013-K**

Race line: Sign: red 76 Daughters of Queen: 1.4%
 Generation: Hatch date: 21.06.2013 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	
	45.4	108	12	25	42.0	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	113				
Honey yield	-	112				0.39
Defensive behavior	3.90	113				0.62
Steadiness on comb	3.90	113				0.64
Swarming drive	4	114				0.39
Varroa	-	105				0.51
Performance index	-	0				
Robustness in winter	4					
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-18-26-6976-2013-K

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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-18-26-63-2013	DE-6-196	2	112		126		109		110		113	111	
DE-18-26-69-2013	DE-6-196	2	112		119		109		110		113	105	
DE-18-26-70-2013	DE-6-196	2	104		101		100		99		94	110	
DE-18-26-73-2013	DE-6-196	2	113		109		108		107		113	111	
DE-18-26-6956-2013	DE-18-26	2	95	25.8	95	3.4	99	3.6	100	3.8	101	92	
DE-18-26-6959-2013	DE-18-26	2	86	48	107	3.2	93	3	96	2	95	76	
DE-18-26-6961-2013-K	DE-18-26	2	118	56.8	120	3.8	111	3.8	110	4	112	114	
DE-18-26-6972-2013-K	DE-18-26	2	118	45.7	113	4	117	4	117	4	114	111	
DE-18-26-6974-2013-K	DE-18-26	2	119	50.3	117	4	117	4	117	4	116	111	
DE-18-26-6976-2013-K	DE-18-26	2	113	45.4	112	3.9	113	3.9	113	4	114	105	