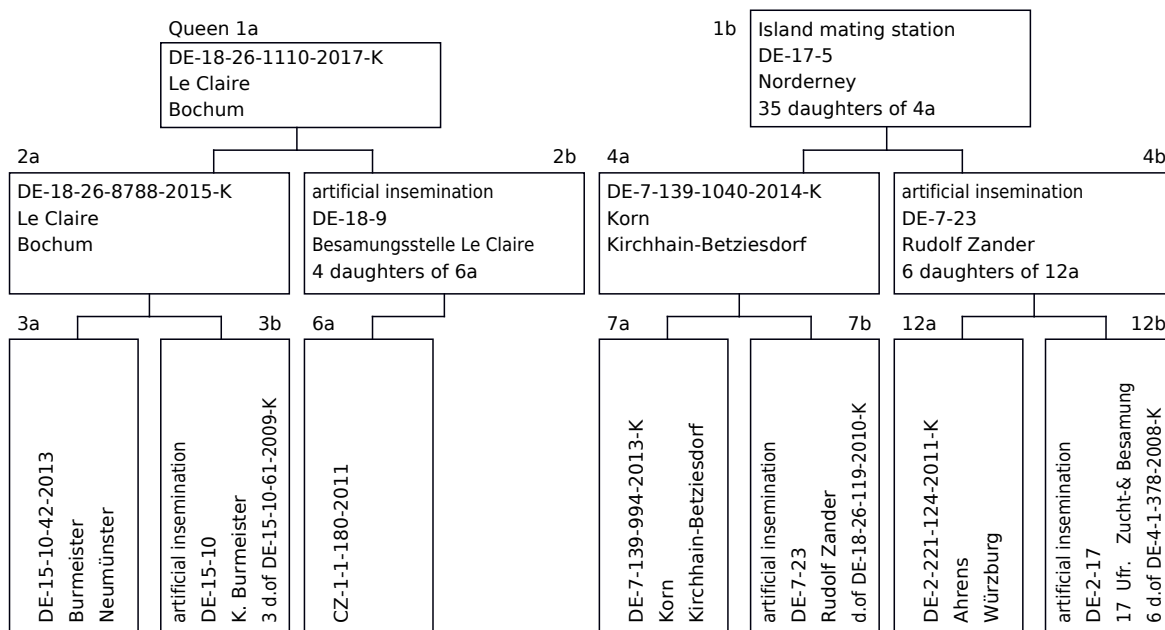


Tester of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26, Apiary 5
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-1110-2017-K**

Race line: Sign: yellow Daughters of Queen: 0.0%
 Generation: Hatch date: 02.06.2017 Workers: 0.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	33.0	136.9	3	18	24.1
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	107	■		
Honey yield	-	111	■		0.39
Defensive behavior	4	108	■		0.61
Steadiness on comb	4	106	■		0.61
Swarming drive	4	108	■		0.36
Varroa	-	98	■		0.34
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 A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-18-26-1110-2017-K

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Performance of the sisters

Amount of checked sisters: 8

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-18-26-1102-2017-K	DE-18-26	4	106	25.6	105	4	109	4	109	4	109	95	
DE-18-26-1106-2017-K	DE-18-26	4	111	37.9	113	4	110	4	108	4	110	102	
DE-18-26-1107-2017-K	DE-18-26	4	111	26.5	105	3.9	110	3.9	107	4	109	108	
DE-18-26-1112-2017-K	DE-18-26	4	110	31.7	109	3.9	108	3.8	105	4	109	105	
DE-18-26-1113-2017	DE-18-26	4	83	16.5	99	3	88	2.5	82	3	94	82	
DE-18-26-1119-2017-K	DE-18-26	4	110	33.6	110	4	111	4	109	3.8	108	104	
DE-18-26-1108-2017-K	DE-18-26	5	95	16.2	99	4	109	4	107	2	89	88	
DE-18-26-1110-2017-K	DE-18-26	5	107	33.0	111	4	108	4	106	4	108	98	