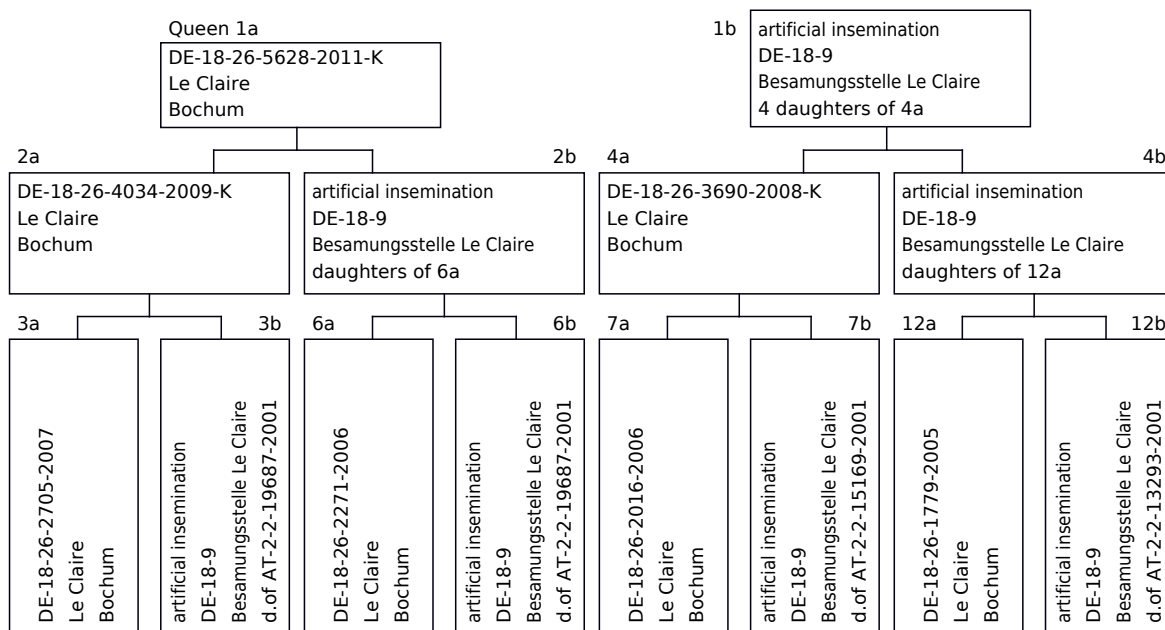


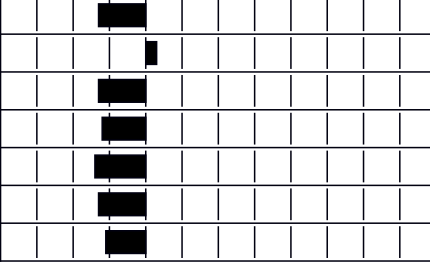
Tester of the queen: Schäfers, Heinrich, 33184 Altenbeken, DE-18-102, Apiary 1
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-5628-2011-K**

Race line: Sign: white 28
 Generation: 6 Hatch date: Daughters of Queen: 5.4%
 Workers: 2.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Schäfers			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	68.7	169.5	1	12	40.5	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	87				
Honey yield	-	103				0.43
Defensive behavior	3.70	87				0.55
Steadiness on comb	3.50	88				0.55
Swarming drive	3.20	86				0.45
Varroa	-	87				0.44
Performance index	-	89				0.43
Robustness in winter			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 B
Suitable for breeding.

Breeding selection report DE-18-26-5628-2011-K

Page 2

Performance of the sisters

Amount of checked sisters: 11

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 index
DE-18-26-5608-2011-K	DE-18-26	1	91		105		Behavior		ding		dyge	86	95
DE-18-26-5619-2011	DE-18-26	2	87		99		93		inspection		82	84	91
DE-18-26-5626-2011-K	DE-18-26	2	90		107		91		95		89	84	95
DE-18-26-5605-2011	DE-18-26	3	87		98		93		93		84	84	90
DE-18-26-5607-2011	DE-18-26	3	93		102		96		98		92	90	96
DE-18-26-5611-2011-K	DE-18-26	3	92		104		90		92		93	91	93
DE-18-26-5616-2011	DE-18-26	3	91		100		95		97		88	87	94
DE-18-26-5617-2011	DE-18-26	3	95		101		96		98		92	92	96
DE-18-26-5621-2011	DE-18-26	3	86		98		90		92		90	82	91
DE-18-26-5630-2011	DE-18-26	3	92		102		95		96		92	89	95
DE-18-26-5628-2011-K	DE-18-102	1	87	68.7	103	3.7	87	3.5	88	3.2	86	87	89