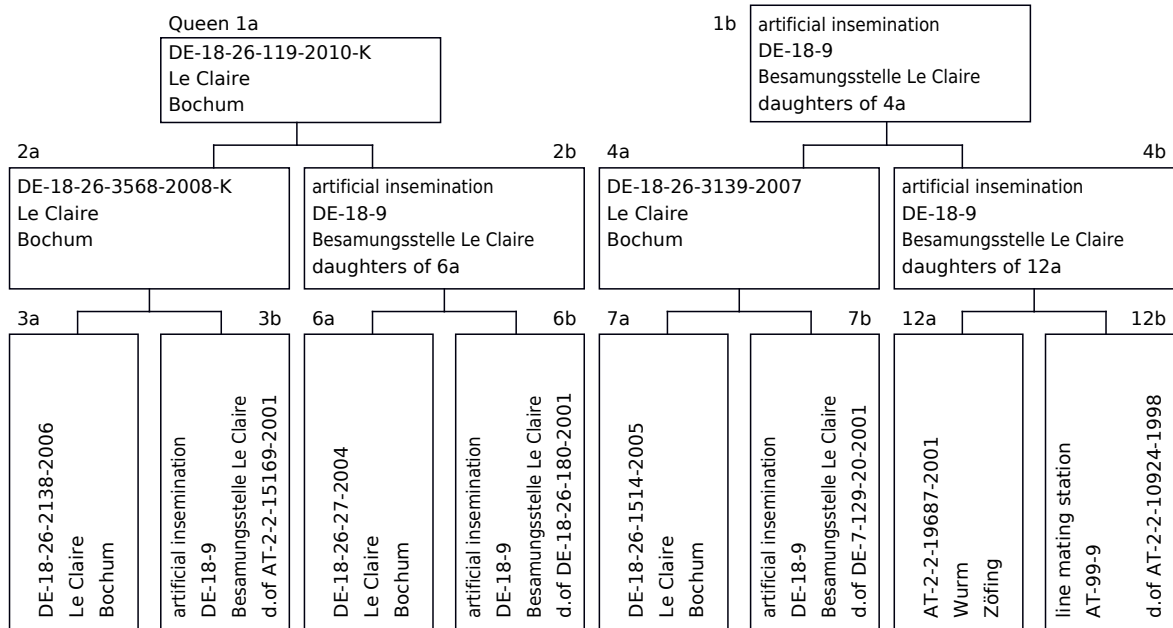


Tester of the queen: Schmidt, Joachim, 35753 Greifenstein Ulm, DE-7-171, Apiary 1
 Breeder of the queen: Le Claire, Andreas, 44793 Bochum, DE-18-26
1a Studbook number: **DE-18-26-119-2010-K**

Race line: -1 Sign: blue 19 Daughters of Queen: 1.4%
 Generation: 8 Hatch date: 25.06.2010 Workers: 0.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	67.2	110.6	2	6	60.8	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	101				
Honey yield	-	106	■			0.47
Defensive behavior	4	103	■			0.61
Steadiness on comb	3.80	97	■			0.62
Swarming drive	4	103	■			0.46
Varroa	-	(97)	■			0.4
Performance index	-	103	■			0.47
Robustness in winter	3.50		70%	100%	170%	
Development in Spring	3.50					
Colony strength	3.50					

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

See attached characteristic documents:

E. Results

Class J

Breeding selection report DE-18-26-119-2010-K

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Performance of the sisters

Amount of checked sisters: 7

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 ndex
DE-18-26-119-2010-K	DE-7-171	1	101	67.2	106	4	103	3.8	97	4	103	(97)	103
DE-18-26-4613-2010-K	DE-18-26	1	89		102		90		86		93	86	92
DE-18-26-4618-2010	DE-18-26	1	88		98		90		87		87	88	89
DE-18-26-4622-2010	DE-18-26	2	90		100		91		88		88	90	90
DE-18-26-4626-2010	DE-18-26	2	87		98		90		86		87	87	88
DE-18-26-4632-2010	DE-18-26	2	91		104		90		87		91	91	91
DE-18-26-4634-2010	DE-18-26	2	81		94		87		84		76	83	83