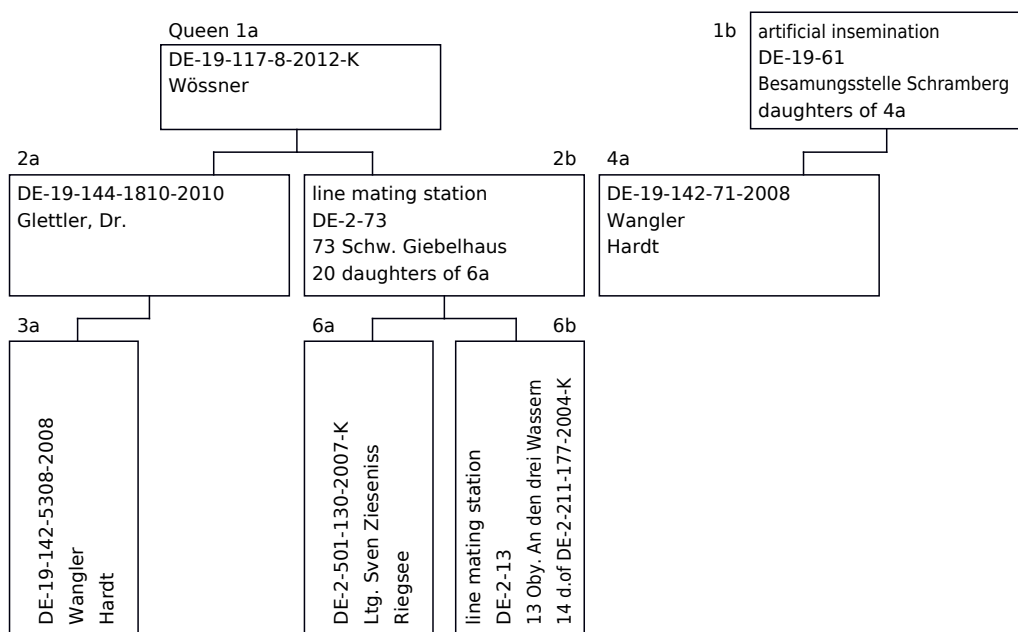


Tester of the queen: Rimmele, Martin, 88361 Altshausen, DE-19-9, Apiary 1
 Breeder of the queen: Wössner, Harald, DE-19-117
1a Studbook number: **DE-19-117-8-2012-K**

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

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	79.7	129.3	3	12	61.6	
	Assessment*		Breeding values			Reliability
Total breeding value¹	-	113				
Honey yield	-	115				0.42
Defensive behavior	3.70	113				0.62
Steadiness on comb	3.70	113				0.62
Swarming drive	4	116				0.39
Varroa	-	99				0.32
Performance index	-	0				
Robustness in winter			70%	100%	170%	
Development in Spring						
Colony strength						

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 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-19-117-8-2012-K

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Performance of the sisters

Amount of checked sisters: 5

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-19-117-5-2012	DE-19-7	1	94		97		102		103		106	(92)	
DE-19-117-8-2012-K	DE-19-9	1	113	79.7	115	3.7	113	3.7	113	4	116	99	
DE-19-117-11-2012	DE-19-14	1	99		99		102		103		106	(92)	
DE-19-117-10-2012	DE-19-106	1	102		99		104		104		116	(92)	
DE-19-117-9-2012	DE-19-119	1	100		91		107		108		107	(92)	