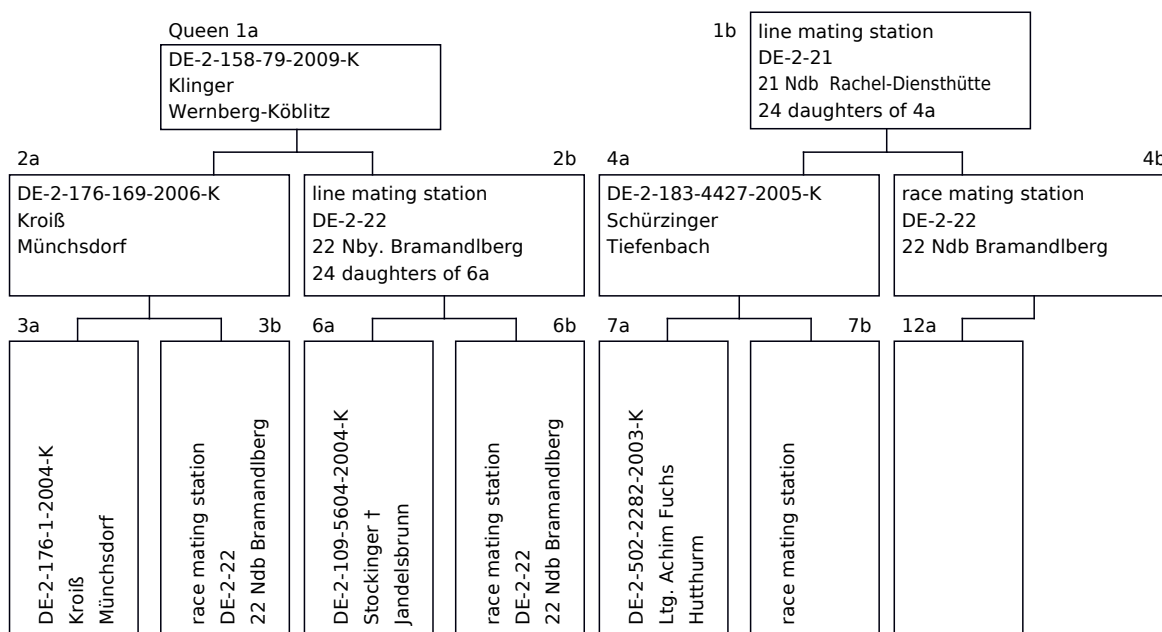


Tester of the queen: Klinger, Johann, 92533 Wernberg-Köblitz, DE-2-158, Apiary 1
 Breeder of the queen: Klinger, Johann, 92533 Wernberg-Köblitz, DE-2-158
1a Studbook number: **DE-2-158-79-2009-K**

Race line: Sign: green 36 Daughters of Queen: 9.9%
 Generation: 1 Hatch date: 25.06.2009 Workers: 7.5%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Volk 36			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	66	173.7	2	17	38
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	124			
Honey yield	-	115			0.46
Defensive behavior	4	129			0.64
Steadiness on comb	3.60	128			0.66
Swarming drive	4	116			0.44
Varroa	-	(113)			0.28
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

See attached characteristic documents:

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-2-158-79-2009-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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-2-158-65-2009	DE-2-158	1	86	8	79	3	Behavior	2	during	3	drive	(97)	
DE-2-158-66-2009	DE-2-158	1	107	44	102	3.3	110	3.6	inspection	4	105	(104)	
DE-2-158-79-2009-K	DE-2-158	1	124	66	115	4	129	3.6	128	4	116	(113)	
DE-2-158-80-2009	DE-2-158	1	91	2	79	3	95	3	94	4	93	(97)	
DE-2-158-83-2009	DE-2-158	1	103	32	95	3.5	110	3.4	109	1	88	(105)	
DE-2-158-62-2009	DE-2-158	2	93	52	91	3.2	94	3.5	94	3	88	(98)	
DE-2-158-78-2009	DE-2-158	2	107	50	93	4	115	3.7	114	1	92	(108)	
DE-2-158-82-2009	DE-2-158	2	100	48	90	3.6	103	3.6	102	4	103	(101)	