

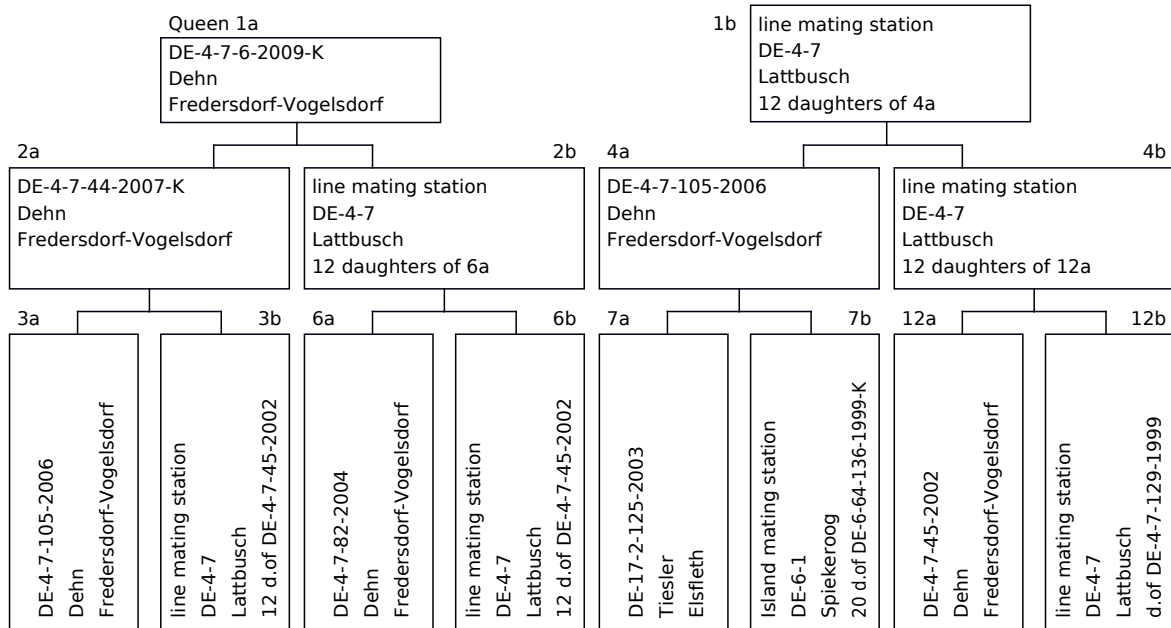
Tester of the queen: Dehn, Heinz, 15370 Fredersdorf-Vogelsdorf, DE-4-7, Apiary 1
 Breeder of the queen: Dehn, Heinz, 15370 Fredersdorf-Vogelsdorf, DE-4-7
1a Studbook number: **DE-4-7-6-2009-K**

Race line: -3
 Generation: 6

Sign: green grü
 Hatch date: 25.5.2009

Daughters of
 Queen: 9.9%
 Workers: 14.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Dehn			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	57	110.3	3	10	51.7	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	106	■			
Honey yield	-	110	■			0.4
Defensive behavior	4	103	■			0.58
Steadiness on comb	4	103	■			0.6
Swarming drive	4	111	■			0.38
Varroa	-	(102)	■			0.27
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-4-7-6-2009-K

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Performance of the sisters

Amount of checked sisters: 12

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-4-7-6-2009-K	DE-4-7	1	106	57	110	4	103	4	103	4	111	(102)	
DE-4-7-8-2009-K	DE-4-7	1	108	60	113	4	103	4	103	4	112	(103)	
DE-4-7-15-2009-K	DE-4-7	1	105	59	111	4	103	4	103	3	99	(103)	
DE-4-7-17-2009-K	DE-4-7	1	105	54	106	4	103	4	102	4	110	(102)	
DE-4-7-20-2009-K	DE-4-7	1	102	53	104	4	103	4	102	3	97	(102)	
DE-4-7-21-2009	DE-4-7	1	103	50	102	4	102	4	102	4	109	(101)	
DE-4-7-24-2009	DE-4-7	1	100	48	98	4	102	4	102	3	96	(101)	
DE-4-7-25-2009	DE-4-7	1	102	47	99	4	102	4	101	4	108	(100)	
DE-4-7-44-2009	DE-4-7	1	92	45	91	4	85	3	83	4	101	(98)	
DE-4-7-50-2009	DE-4-7	1	101	44	95	4	102	4	101	4	107	(100)	
DE-4-7-27-2009	DE-4-7	2	101	46	103	4	101	4	100	3	98	(102)	
DE-4-7-29-2009	DE-4-7	2	103	45	103	4	101	4	100	4	112	(101)	