

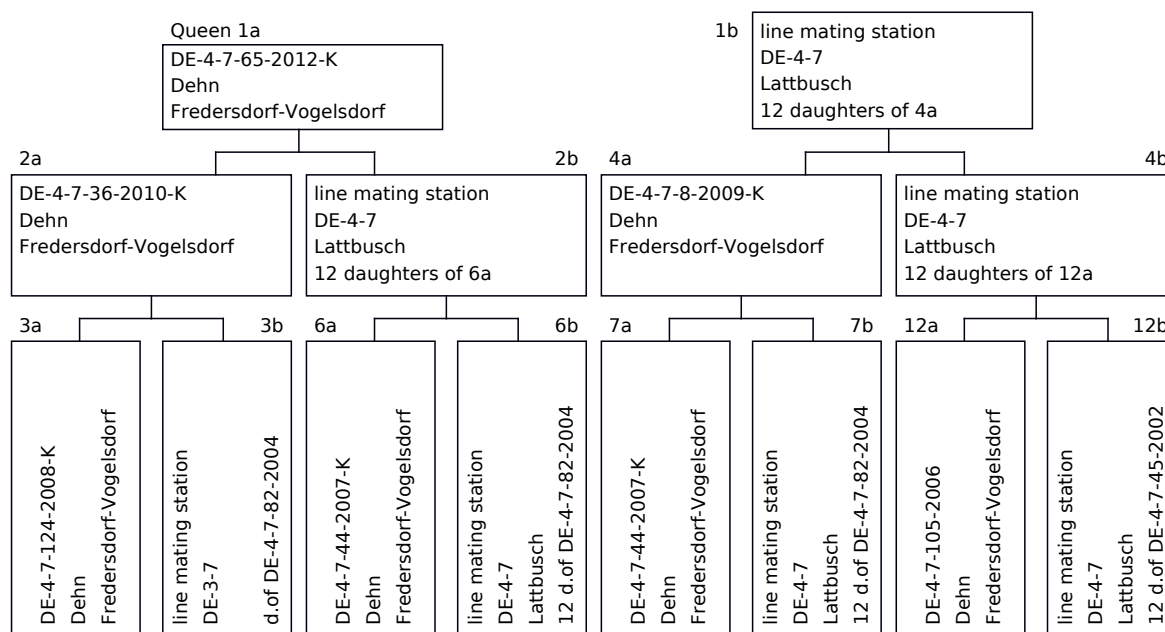
Tester of the queen: Dehn, Heinz, 15370 Fredersdorf-Vogelsdorf, DE-4-7, Apiary 1
 Breeder of the queen: Dehn, Heinz, 15370 Fredersdorf-Vogelsdorf, DE-4-7
1a Studbook number: **DE-4-7-65-2012-K**

Race line: -11
 Generation: 8

Sign: yellow gel
 Hatch date: 25.5.2012

Daughters of
 Queen: 16.1%
 Workers: 12.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Dehn			comparable colonies at the apiary			
	kg	%	Ranking	number	Yield average kg		
	45	112	3	12	40.2		
	Assessment*	Breeding values				Reliability	
Total breeding value¹	-	107					
Honey yield	-	113					0.38
Defensive behavior	-	(100)					0.21
Steadiness on comb	-	(100)					0.27
Swarming drive	-	(102)					0.28
Varroa	-	108					0.45
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-4-7-65-2012-K

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Performance of the sisters

Amount of checked sisters: 13

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-4-7-48-2012	DE-4-7	1	106	43	111	4	109	4	109	3	109	105	
DE-4-7-50-2012	DE-4-7	1	107	44	112	4	104	4	103	3	98	(108)	
DE-4-7-52-2012	DE-4-7	1	104	42	109		(99)		(98)		(101)	(104)	
DE-4-7-53-2012	DE-4-7	1	94	36	101	3	87	4	86	4	101	(98)	
DE-4-7-55-2012	DE-4-7	1	94	36	101	3	87	4	86	4	101	(98)	
DE-4-7-56-2012	DE-4-7	1	95	36	101	3	87	4	86	4	100	101	
DE-4-7-58-2012	DE-4-7	1	105	38	106	4	104	4	103	3	96	106	
DE-4-7-62-2012-K	DE-4-7	1	108	52	120		(103)		(103)		(106)	103	
DE-4-7-63-2012-K	DE-4-7	1	105	47	115		(101)		(100)		(104)	103	
DE-4-7-65-2012-K	DE-4-7	1	107	45	113		(100)		(100)		(102)	108	
DE-4-7-67-2012	DE-4-7	1	103	32	100	4	103	4	102	3	94	106	
DE-4-7-71-2012	DE-4-7	1	104	31	99	4	103	4	101	3	93	108	
DE-6-70-13-2012	DE-6-70	2	101		113		93		93		100	101	