

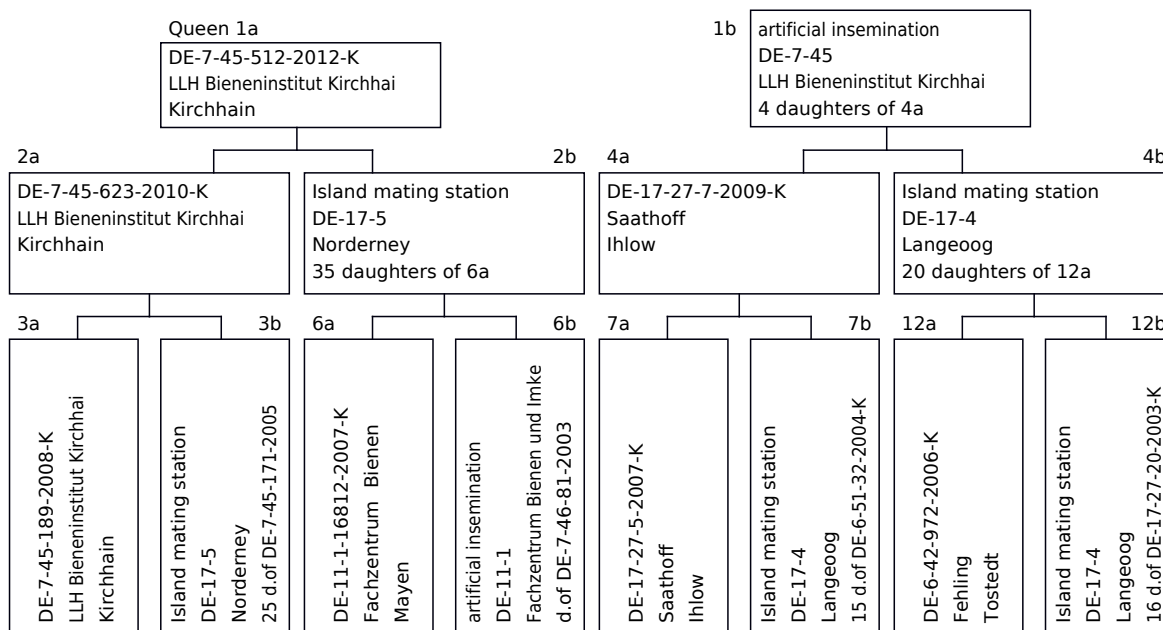
Tester of the queen: LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 1
Breeder of the queen: LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45
1a Studbook number: **DE-7-45-512-2012-K**

Race line: -1
Generation: 5







Sign: yellow 88-
Hatch date: 11.06.2012

Daughters of
Queen: 1.2%
Workers: 0.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 238			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	57.8	123.7	6	19	46.7
	Assessment*		Breeding values		
Total breeding value¹	-	109			
Honey yield	-	117			
Defensive behavior	3.10	112			
Steadiness on comb	2.90	114			
Swarming drive	3	127			
Varroa	-	91			
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

none Analysis of race characteristics

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-7-45-512-2012-K

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Performance of the sisters

Amount of checked sisters: 1

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-7-45-512-2012-K	DE-7-45	1	109	57.8	117	3.1	112	2.9	114	3	127	91	

inspection