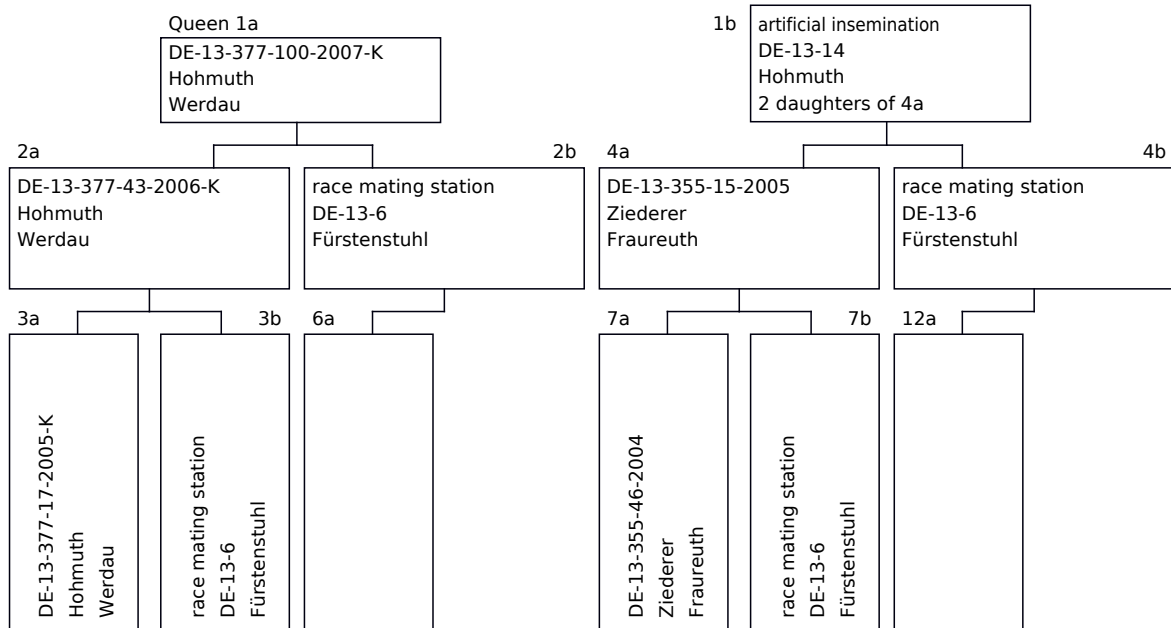


Tester of the queen: Hohmuth, Andreas, 08412 Werdau, DE-13-999, Apiary 1
 Breeder of the queen: Hohmuth, Andreas, 08412 Werdau, DE-13-377
1a Studbook number: **DE-13-377-100-2007-K**

Race line: Sign: yellow 100
 Generation: 4 Hatch date: 08.06.2007

Daughters of Queen: 0%
 Workers: 0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony M35			comparable colonies at the apiary			
	kg	%	Ranking	number	Yield average kg		
	57	100	1	1	57		
	Assessment*	Breeding values				Reliability	
Total breeding value¹	-	98					
Honey yield	-	101					0.05
Defensive behavior	4	97					0
Steadiness on comb	3.80	97					0.08
Swarming drive	3.90	99					0.13
Varroa	-	(98)					0.14
Performance index	-	0					
Robustness in winter	3.50		70%	100%	170%		
Development in Spring	3.90						
Colony strength	3.80						

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 P

Use only for test breeding. The offspring of these colonies should not circulate among other bees.

Breeding selection report DE-13-377-100-2007-K

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Performance of the sisters

Amount of checked sisters: 6

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-13-377-32-2007	DE-13-377	1	105		98		109		109		109	(100)	
DE-13-377-34-2007	DE-13-377	1	106		105		110		110		100	(102)	
DE-13-377-45-2007	DE-13-377	1	81		93		77		77		83	(89)	
DE-13-377-46-2007	DE-13-377	1	89		96		90		90		83	(95)	
DE-13-377-52-2007	DE-13-377	1	91		100		91		91		86	(95)	
DE-13-377-100-2007	DE-13-999	1	98	57	101	4	97	3.8	97	3.9	99	(98)	