

Breeding selection report

DE-4-1-245-2013-K

Tester of the queen:
Breeder of the queen:
1a Studbook number:

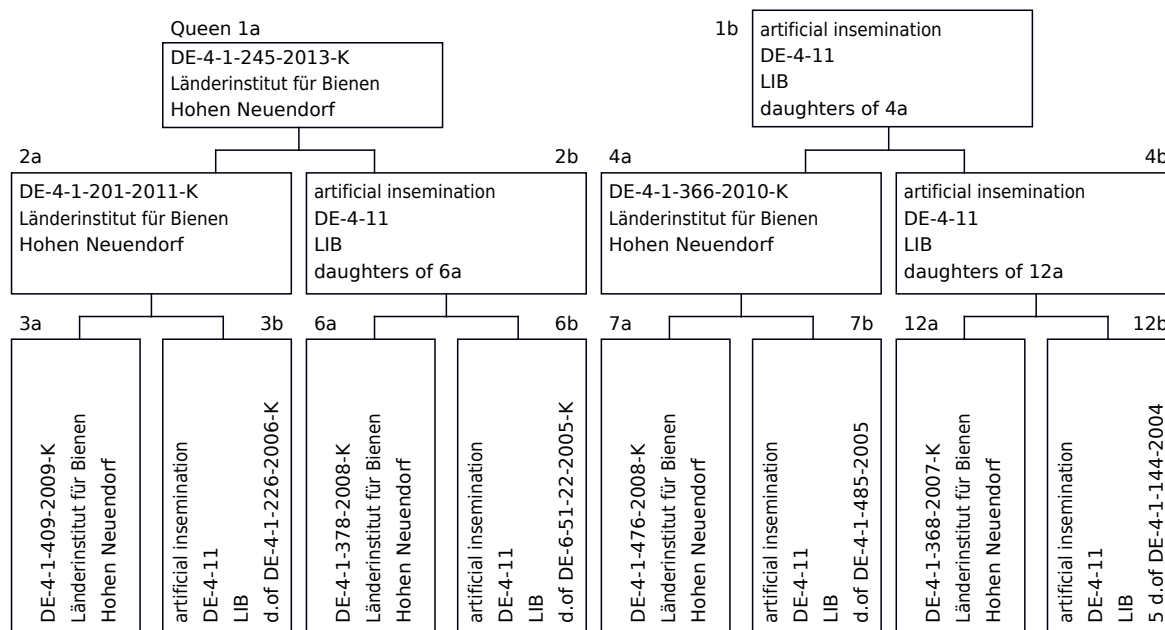
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
DE-4-1-245-2013-K

Race line: -33
Generation:

Sign: red 45
Hatch date: 12.06.2013

Daughters of
Queen: 5.6%
Workers: 1.6%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony			comparable colonies at the apiary							
	kg	%	Ranking	number	Yield average kg						
Performance test year	59	112	7	28	52.7						
	Assessment*	Breeding values								Reliability	
Total breeding value ¹	-	117									
Honey yield	-	107									0.45
Defensive behavior	3.60	126									0.65
Steadiness on comb	3.60	126									0.67
Swarming drive	4	115									0.44
Varroa	-	104									0.54
Performance index	-	0									
Robustness in winter	3.40	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	70%	100%	170%						
Development in Spring	3.60										
Colony strength	3.70										

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-4-1-245-2013-K

Page 2

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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-4-1-249-2013-K	DE-4-1	1	114	72.4	107	3.5	119	3.2	119	4	111	98	
DE-4-1-250-2013	DE-4-1	1	108	69.7	103	3.3	119	3.1	119	4	111	96	
DE-4-1-251-2013	DE-4-1	1	106	70.1	102	3.1	114	3.1	114	4	107	98	
DE-4-1-252-2013	DE-4-1	1	98	54.3	86	3	104	2.7	104	4	98	98	
DE-4-1-245-2013-K	DE-4-1	2	117	59	107	3.6	126	3.6	126	4	115	104	
DE-4-1-248-2013	DE-4-1	2	110	58.6	104	3.4	115	3.3	115	4	110	103	
DE-4-1-260-2013	DE-4-1	2	103	48.3	93	3.2	105	3.1	105	4	103	104	
DE-4-1-261-2013	DE-4-1	2	117	50.4	101	3.8	137	3.8	138	2.5	104	103	