

Breeding selection report

DE-4-1-357-2012-K

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

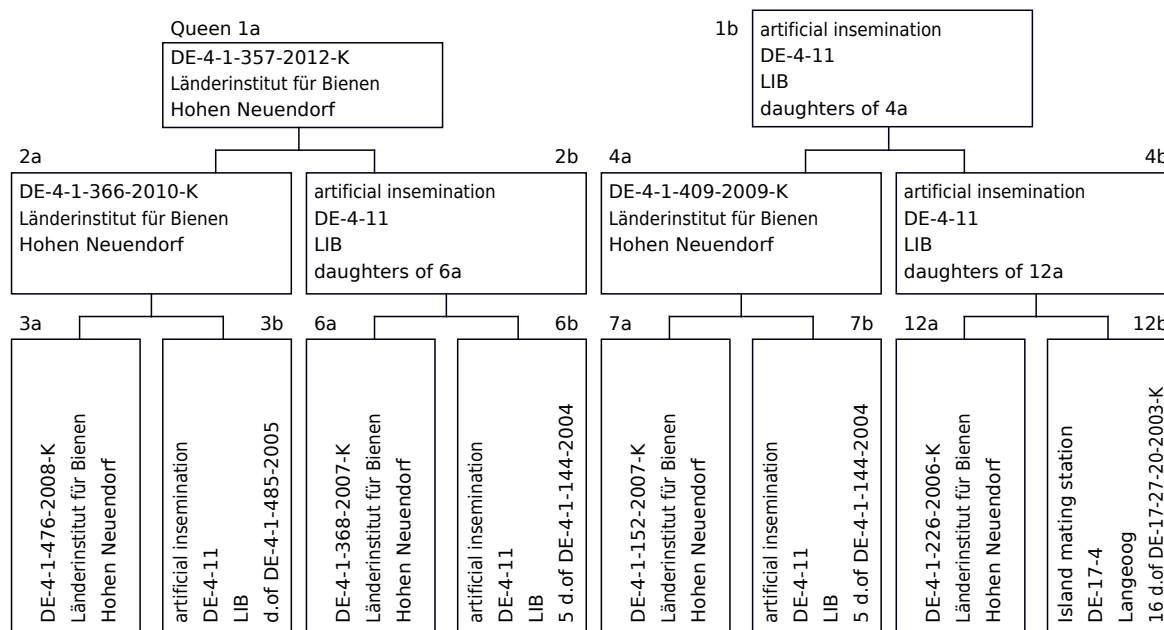
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
DE-4-1-357-2012-K

Race line: -33
Generation:

Sign: yellow 57
Hatch date: 20.06.2012

Daughters of
Queen: 7.2%
Workers: 2.6%

A. Pedigree



B. Own performance

	No. of the colony 19			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	55.4	112.8	10	26	49.1
	Assessment*	Breeding values			
Total breeding value¹	-	111			
Honey yield	-	102			0.45
Defensive behavior	3.70	111			0.65
Steadiness on comb	3.30	110			0.68
Swarming drive	4	117			0.45
Varroa	-	106			0.54
Performance index	-	0			
Robustness in winter	4		70% 100% 170%		
Development in Spring	3.80				
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

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.

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Performance of the sisters

Amount of checked sisters: 16

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-4-1-233-2012	AT-99-110	1	102		91		110		110		113	95*	
DE-4-1-235-2012	AT-99-110	1	104		97		110		110		113	98*	
DE-4-1-278-2012	DE-4-1	1	101	76	105	3.5	111	3.5	113	3.6	114	87	
DE-4-1-348-2012	DE-4-1	1	100	46.3	89	3.6	112	3.5	112	4	115	90	
DE-4-1-351-2012	DE-4-1	1	79	5.7	61	3.2	95	2.9	95	4	102	77	
DE-4-1-352-2012	DE-4-1	1	81	14.9	66	2.9	90	2.7	90	4	99	84	
DE-4-1-361-2012	DE-4-1	1	100	56.8	92	3.4	103	3	102	3.8	107	98	
DE-4-1-362-2012	DE-4-1	1	97	57.5	93	3.3	101	3	101	4	110	93	
DE-4-1-353-2012	DE-4-1	2	110	49.7	97	3.5	106	3.3	104	4	111	112	
DE-4-1-355-2012	DE-4-1	2	103	54.4	98	3.3	98	2.8	97	4	111	104	
DE-4-1-357-2012-K	DE-4-1	2	111	55.4	102	3.7	111	3.3	110	4	117	106	
DE-4-1-358-2012	DE-4-1	2	105	38.6	90	3.7	112	3.5	111	4	115	100	
DE-4-1-359-2012	DE-4-1	2	79	32	80	3	93	2.9	95	4	111	68	
DE-4-1-214-2012	DE-4-277	2	89		87		93		93		93	(91)	
DE-4-1-213-2012	DE-4-281	1	98		97		101		101		107	(94)	
DE-4-1-215-2012	DE-4-302	1	96		88		102		101		108	(94)	

Only one Varroa trait was recorded