

Breeding selection report

DE-4-1-201-2011-K



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

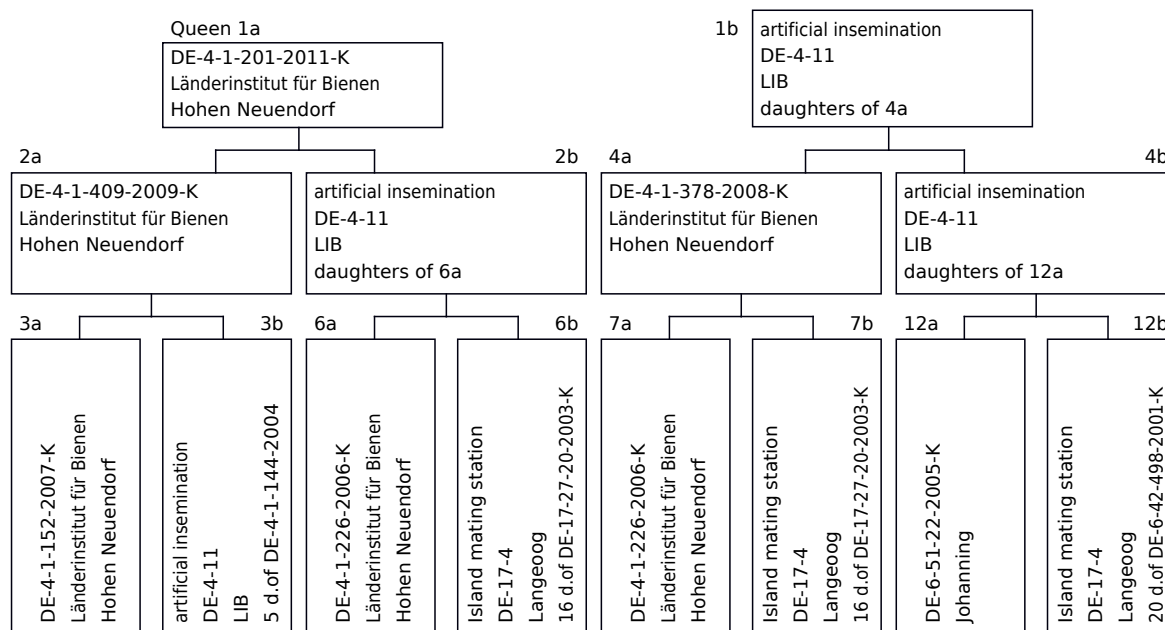
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
DE-4-1-201-2011-K

Race line: -33
Generation:

Sign: white 01
Hatch date: 01.06.2011

Daughters of
Queen: 0.7%
Workers: 5.6%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 335			comparable colonies at the apiary							
	kg	%	Ranking	number	Yield average kg						
Performance test year	49.6	115.9	10	31	42.8						
	Assessment*	Breeding values									Reliability
Total breeding value ¹	-	113									
Honey yield	-	108								0.44	
Defensive behavior	3.70	111								0.66	
Steadiness on comb	3.40	110								0.68	
Swarming drive	4	110								0.44	
Varroa	-	110								0.54	
Performance index	-	0									
Robustness in winter	2.50	70%100%170%									
Development in Spring	2.80	¹ In 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									
Colony strength	3.10										

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: 9

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 index
DE-4-1-196-2011	DE-4-1	1	116	74.6	114	3.7	Behavior	3.4	during inspection	4	drive	108	
DE-4-1-197-2011	DE-4-1	1	108	74.4	113	3.6	114	3.5	115	4	116	94	
DE-4-1-31-2011-K	DE-4-1	2	105	44	105	3.7	109	3.2	109	4	111	98	
DE-4-1-199-2011	DE-4-1	2	109	20	94	3.8	119	3.8	118	4	110	102	
DE-4-1-200-2011	DE-4-1	2	113	60.2	114	3.7	111	3.3	110	4	112	106	
DE-4-1-201-2011-K	DE-4-1	2	113	49.6	108	3.7	111	3.4	110	4	110	110	
DE-4-1-194-2011-K	DE-4-4	1	117		117		118		118		126	(103)	
DE-4-1-195-2011	DE-4-277	2	116		113		121		121		120	(102)	
DE-4-1-40-2011-K	DE-14-134	1	105		103		110		110		109	(97)	