

Breeding selection report

DE-4-1-389-2013-K

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

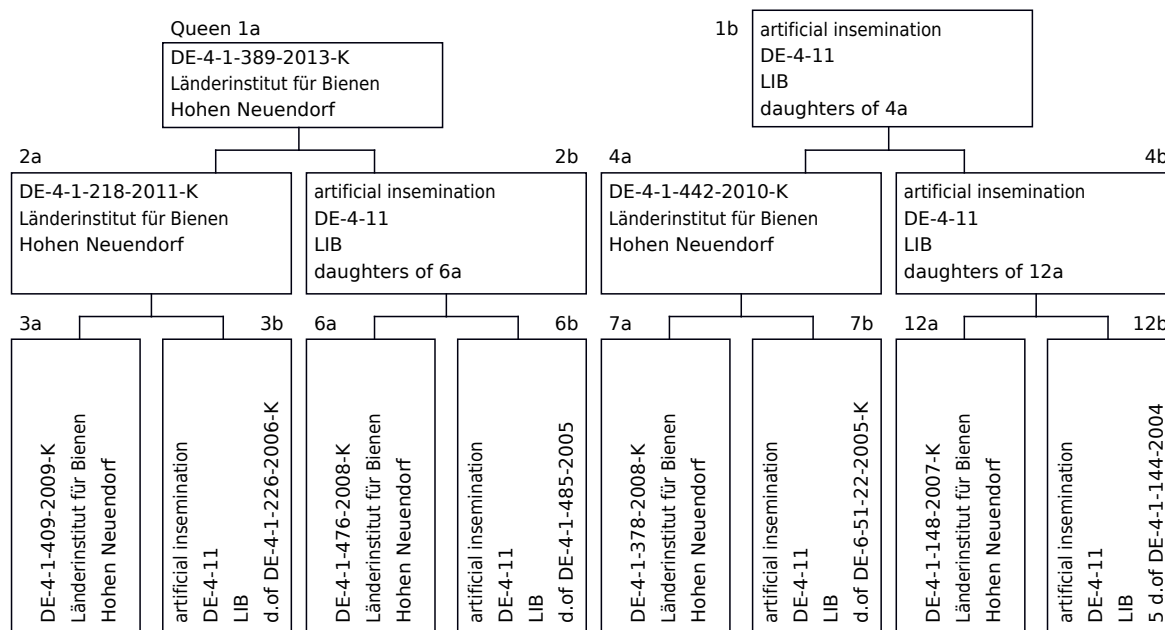
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
DE-4-1-389-2013-K

Race line: -33
Generation:

Sign: red 89
Hatch date: 19.06.2013

Daughters of
Queen: 2%
Workers: 3%

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	58.4	110.9	9	28	52.7							
	Assessment*	Breeding values										Reliability
Total breeding value ¹	-	104										
Honey yield	-	109										0.43
Defensive behavior	3.30	108										0.65
Steadiness on comb	3.20	109										0.67
Swarming drive	4	112										0.43
Varroa	-	93										0.53
Performance index	-	0										
Robustness in winter	3.20	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	70%100%170%									
Development in Spring	3.60											
Colony strength	3.30											

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 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).

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Performance of the sisters

Amount of checked sisters: 11

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 ndex
DE-4-1-233-2013	DE-4-1	1	106	63.8	103	3.2	103	3	103	4	103	98	
DE-4-1-391-2013	DE-4-1	1	101	76.7	112	2.8	101	2.8	102	4	107	94	
DE-4-1-395-2013	DE-4-1	1	86	68.8	104	2.8	99	2.7	103	4	111	67	
DE-4-1-397-2013	DE-4-1	1	97	63.7	100	3	102	2.7	103	4	107	89	
DE-4-1-232-2013	DE-4-1	2	99	55	104	3.1	99	2.8	99	4	106	96	
DE-4-1-389-2013-K	DE-4-1	2	104	58.4	109	3.3	108	3.2	109	4	112	93	
DE-4-1-400-2013	DE-4-1	2	97	50.7	100	3.1	98	2.7	98	4	105	94	
DE-4-1-403-2013	DE-4-1	2	90	53.4	102	2.9	95	2.8	97	3.8	103	82	
DE-4-1-229-2013	DE-4-281	1	95		101		100		102		102	(88)	
DE-4-1-230-2013	DE-4-282	1	104		113		106		108		111	(93)	
DE-4-1-231-2013	DE-4-282	1	104		107		110		111		111	(94)	