

Breeding selection report

DE-4-1-459-2014-K

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

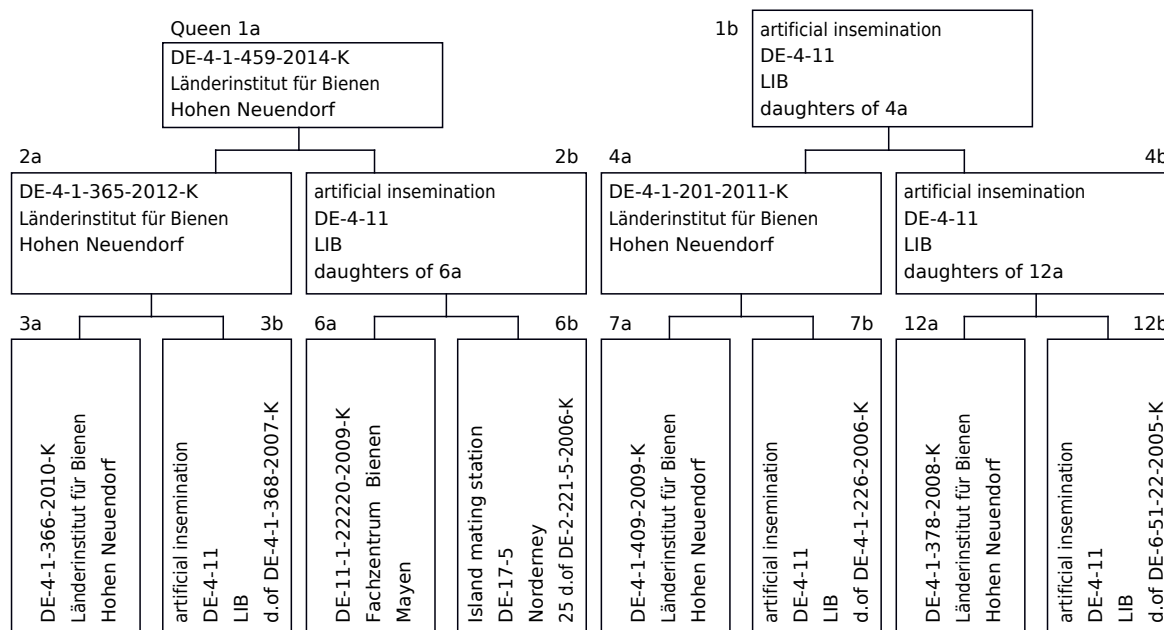
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
DE-4-1-459-2014-K

Race line: -33
Generation:

Sign: green 59
Hatch date: 18.06.2014

Daughters of
Queen: 0.1%
Workers: 0.9%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 545				comparable colonies at the apiary					
	kg	%	Ranking		number	Yield average kg				
Performance test year	85.1	138.7	3		26	61.4				
	Assessment*	Breeding values								Reliability
Total breeding value ¹	-	128								
Honey yield	-	129							0.43	
Defensive behavior	3.80	128							0.64	
Steadiness on comb	3.80	129							0.67	
Swarming drive	4	121							0.43	
Varroa	-	114							0.53	
Performance index	-	0								
Robustness in winter	3.70	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								
Development in Spring	3.80									
Colony strength	4									

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: 12

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-4-1-394-2014	DE-4-1	1	118	88.9	128	3.3	Behavior	2.4	106	4	106	116	
DE-4-1-457-2014	DE-4-1	1	116	70.2	117	3.4	117	3.3	117	4	109	109	
DE-4-1-458-2014	DE-4-1	1	102	59	104	2.9	102	2.9	102	4	100	100	
DE-4-1-460-2014	DE-4-1	1	116	73.9	120	3.5	119	3.3	120	4	113	103	
DE-4-1-464-2014	DE-4-1	1	111	65.8	112	3.4	113	3.1	114	3.9	105	105	
DE-4-1-465-2014-K	DE-4-1	1	122	68.5	117	3.6	122	3.4	122	4	111	116	
DE-4-1-466-2014-K	DE-4-1	1	121	73.6	122	3.6	126	3.6	127	4	116	107	
DE-4-1-304-2014	DE-4-1	2	123	85.4	129	3.8	125	3.6	126	4	121	108	
DE-4-1-455-2014	DE-4-1	2	124	92.4	132	3.8	124	3.5	125	2.3	106	115	
DE-4-1-459-2014-K	DE-4-1	2	128	85.1	129	3.8	128	3.8	129	4	121	114	
DE-4-1-306-2014-K	DE-14-138	1	103		101		106		106		96	103*	
DE-4-1-305-2014	DE-18-39	1	117		131		112		113		108	(110)	

Only one Varroa trait was recorded