

Breeding selection report

DE-4-1-476-2008-K

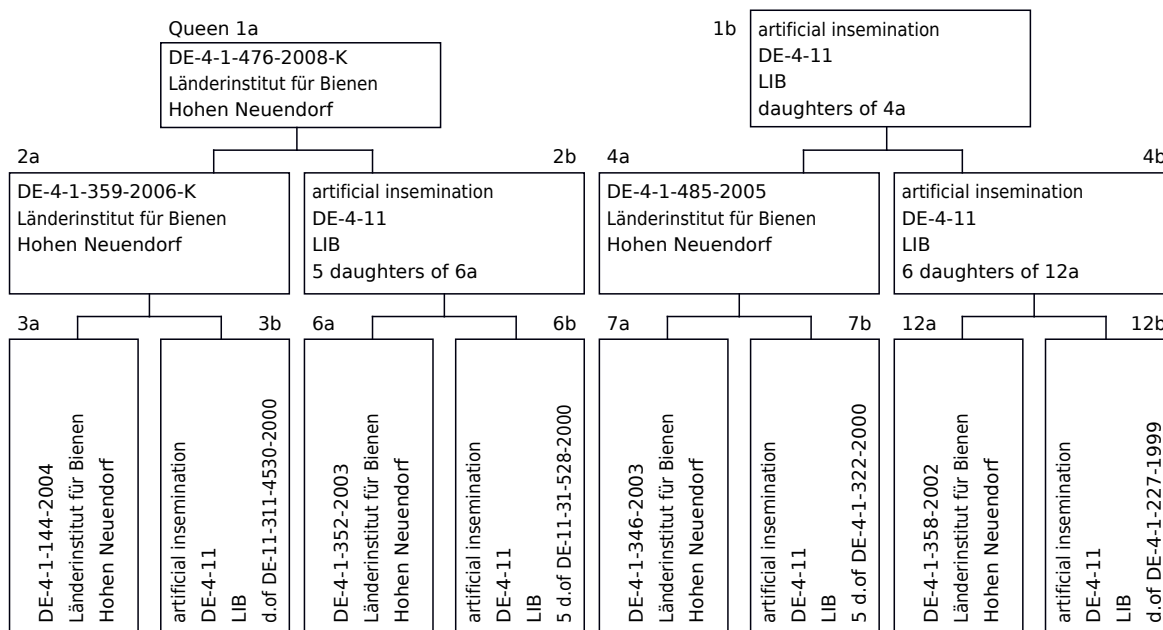


Tester of the queen: Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Breeder of the queen: Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
1a Studbook number: **DE-4-1-476-2008-K**

Race line: Sign: red 76
Generation: Hatch date: 25.6.2008

Daughters of Queen: 3.1%
Workers: 3.3%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 325			comparable colonies at the apiary							
	kg	%	Ranking	number	Yield average kg						
Performance test year	46.8	106.4	14	32	44.0						
	Assessment*	Breeding values							Reliability		
Total breeding value ¹	-	107									

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-4-1-476-2008-K

Page 2

Performance of the sisters

Amount of checked sisters: 14

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 ndex
DE-2-176-59-2008	DE-2-176	4	90		97		Behavior		during inspection		drose	87	
DE-2-176-61-2008	DE-2-176	4	85		99		86		87		102	80	
DE-2-176-62-2008	DE-2-176	4	79		94		105		109		117	50	
DE-4-1-470-2008	DE-4-1	1	81	41.3	87	3.1	97	2.6	99	3.7	109	66	
DE-4-1-472-2008	DE-4-1	1	87	46.5	91	3.2	99	2.6	101	2.9	102	77	
DE-4-1-473-2008	DE-4-1	1	87	48.7	94	3.1	101	3	103	2.4	102	74	
DE-4-1-478-2008	DE-4-1	1	86	46.7	92	3.1	97	2.6	99	3.8	111	73	
DE-4-1-480-2008	DE-4-1	1	92	41.1	87	3.2	101	2.8	100	1	93	92	
DE-4-1-474-2008	DE-4-1	2	90	10.9	77	3.5	112	3.2	113	4	117	74	
DE-4-1-476-2008-K	DE-4-1	2	107	46.8	99	3.5	111	2.9	110	3.3	110	102	
DE-4-1-477-2008	DE-4-1	2	75	22.6	82	3.1	100	3	103	4	117	51	
DE-4-1-485-2008	DE-4-1	2	103	32.6	91	3.5	111	3.1	111	4	117	95	
DE-4-1-486-2008	DE-4-1	2	93	26	86	3.5	111	3.1	112	4	120	74	
DE-4-1-487-2008	DE-4-1	2	97	49.2	103	3.5	118	3.4	121	3.7	124	68	