

Breeding selection report

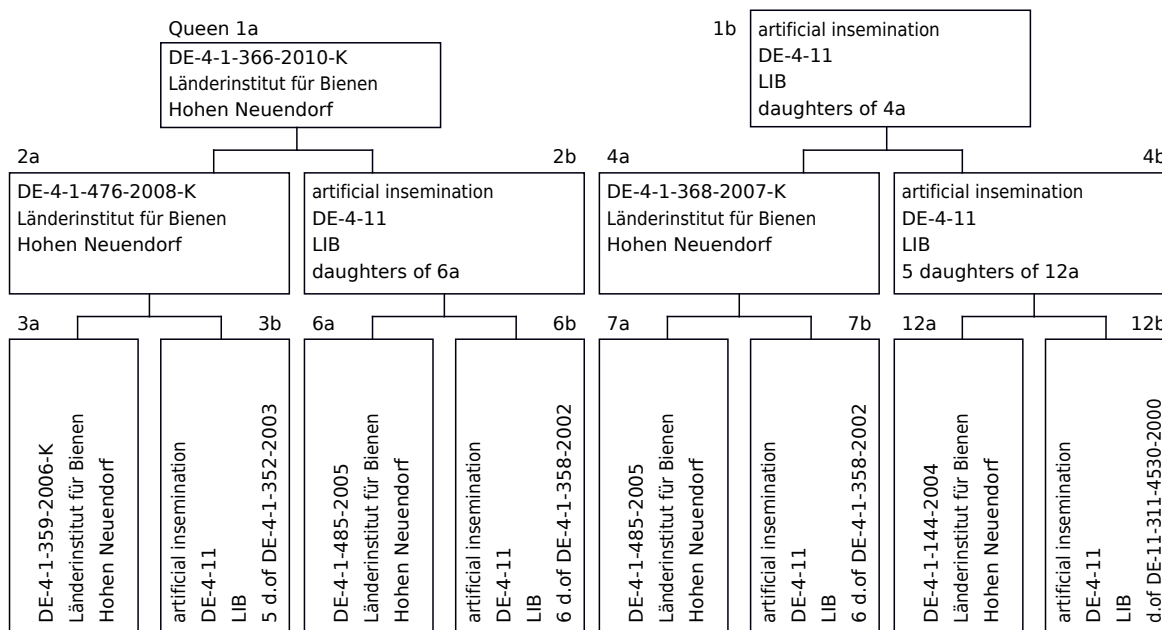
DE-4-1-366-2010-K



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-4-1-366-2010-K**

Race line: -33 Sign: blue 66 Daughters of Queen: 3.3%
Generation: Hatch date: 15.6.2010 Workers: 6.8%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 118			comparable colonies at the apiary						
	kg	%	Ranking	number		Yield average kg				
Performance test year	56.3	117.2	7	28		48.0				
	Assessment*	Breeding values								Reliability
Total breeding value ¹	-	111								
Honey yield	-	108								0.44
Defensive behavior	3.70	114								0.66
Steadiness on comb	3.40	113								0.68
Swarming drive	4	117								0.44
Varroa	-	102								0.54
Performance index	-	0								
Robustness in winter	3	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	3.10									
Colony strength	3									

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 ndex
DE-4-1-353-2010	DE-4-1	1	99	35.2	86	3.2	111	2.9	112	1.5	108		
DE-4-1-354-2010	DE-4-1	1	95	36	90	3.6	111	3.1	112	3.3	106	83	
DE-4-1-355-2010	DE-4-1	1	107	56.6	107	3.7	117	3.3	118	4	121	89	
DE-4-1-357-2010-K	DE-4-1	1	103	56.8	107	3.5	113	3.4	115	4	119	85	
DE-4-1-358-2010	DE-4-1	1	103	48.6	99	3.2	103	3.1	103	4	107	101	
DE-4-1-351-2010	DE-4-1	2	109	40.2	96	3.8	118	3.6	118	4	117	99	
DE-4-1-356-2010	DE-4-1	2	90	21.9	77	3.4	96	2.7	95	4	103	91	
DE-4-1-359-2010-K	DE-4-1	2	102	43.5	96	3.6	107	3.2	107	4	113	95	
DE-4-1-360-2010	DE-4-1	2	105	47.9	102	3.8	117	3.5	118	4	121	88	
DE-4-1-363-2010	DE-4-1	2	106	31.6	89	3.7	111	3.4	110	4	110	104	
DE-4-1-364-2010	DE-4-1	2	102	45.6	97	3.6	106	3.1	106	3.7	107	98	
DE-4-1-366-2010-K	DE-4-1	2	111	56.3	108	3.7	114	3.4	113	4	117	102	