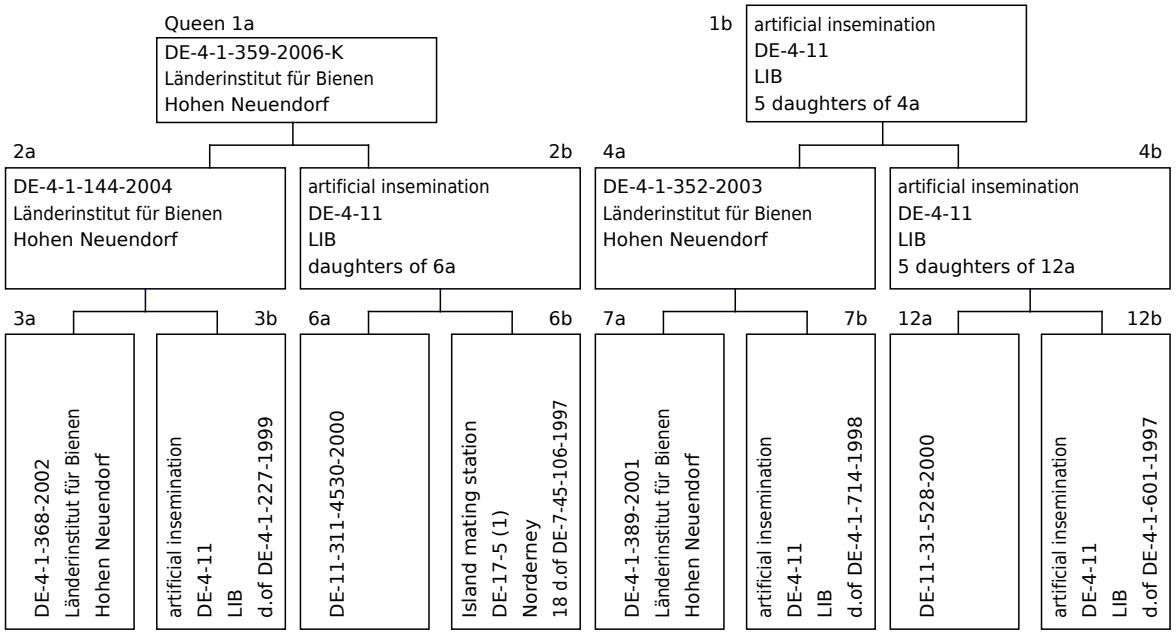
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-1-359-2006-K

Tester of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 1	
Breeder of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1	
1a Studbook number:	**DE-4-1-359-2006-K**	
		Daughters of
Race line: -33	Sign: white 59	Queen: 0.3%
Generation:	Hatch date: 2.7.2006	Workers: 3.1%

A. Pedigree



B. Own performance

	No. of the colony 367			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	56.4	124.8	7	28	45.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	98	
Honey yield	-	101	0.46
Defensive behavior	3.40	107	0.65
Steadiness on comb	2.90	107	0.68
Swarming drive	3.70	110	0.46
Varroa	-	86	0.55
Performance index	-	0	
Robustness in winter	3.50		
Development in Spring	3.50		
Colony strength	3.30		

70% 100% 170%

[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 by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

none Analysis of race characteristics

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).

12.02.2009

For the correctness DE-4

Breeding selection report DE-4-1-359-2006-K

Page 2

Performance of the sisters

Amount of checked sisters: 15

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-4-1-103-2006	DE-4-1	1	84	28.1	84	3.3	104	3.1	106	4	111	67	
DE-4-1-287-2006	DE-4-1	1	82	54.3	102	3.4	109	3.2	114	2.8	111	51	
DE-4-1-288-2006	DE-4-1	1	80	44.1	93	3.2	106	3.3	110	1	100	58	
DE-4-1-289-2006	DE-4-1	1	91	52.9	102	3.4	109	3.2	112	3.8	116	68	
DE-4-1-290-2006	DE-4-1	1	98	48.8	99	3.5	113	3.3	114	2.2	102	85	
DE-4-1-358-2006	DE-4-1	1	87	43.3	96	3.5	113	3.3	116	4	121	57	
DE-4-1-359-2006-K	DE-4-1	1	98	56.4	101	3.4	107	2.9	107	3.7	110	86	
DE-4-1-279-2006	DE-4-1	2	88	26.6	84	3.3	105	3.2	106	4	110	75	
DE-4-1-280-2006	DE-4-1	2	85	35.2	90	3.5	114	3.4	117	1	104	61	
DE-4-1-281-2006	DE-4-1	2	76	40.4	92	3.1	100	3	104	4	115	49	
DE-4-1-282-2006	DE-4-1	2	83	32.7	86	3	97	2.9	98	4	107	71	
DE-4-1-284-2006-K	DE-4-1	2	93	54.3	103	3.3	105	3.1	107	4	118	75	
DE-4-1-285-2006	DE-4-1	2	87	39.7	92	3.4	106	3	108	1	99	73	
DE-4-1-351-2006	DE-4-1	2	89	37.6	93	3.4	110	3.3	112	4	116	67	
DE-4-1-353-2006	DE-4-1	2	93	61.2	106	3.1	97	2.6	99	1	96	87	