

Breeding selection report

DE-4-1-368-2007-K

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

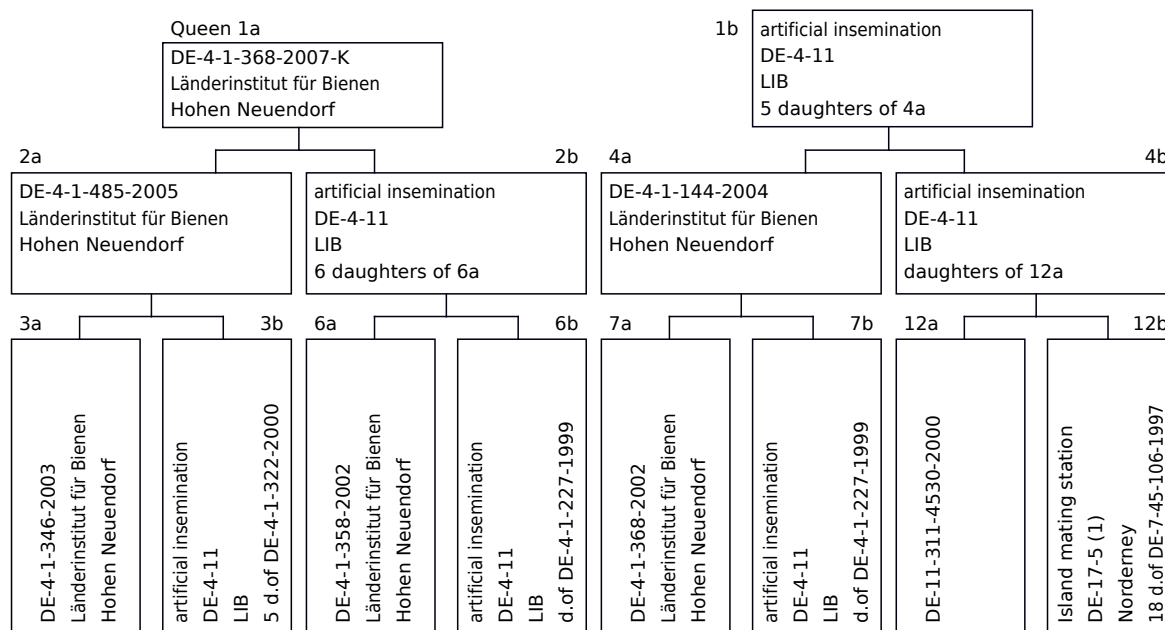
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2
Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1
DE-4-1-368-2007-K

Race line: -33
Generation: 16

Sign: yellow 68
Hatch date: 12.06.2007

Daughters of
Queen: 3.3%
Workers: 2.9%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony 27			comparable colonies at the apiary						
	kg	%	Ranking	number	Yield average kg					
Performance test year	46.6	153.7	3	23	30.3					
	Assessment*	Breeding values								Reliability
Total breeding value ¹	-	100								
Honey yield	-	111								0.47
Defensive behavior	3.80	124								0.66
Steadiness on comb	3.60	127								0.68
Swarming drive	4	124								0.47
Varroa	-	68								0.55
Performance index	-	0								
Robustness in winter	3.50									

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

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).

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Performance of the sisters

Amount of checked sisters: 29

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-4-1-256-2007	DE-4-1	1	89	33	100	3.5	113	3.3	116	4	117	66	
DE-4-1-338-2007	DE-4-1	1	95	34.8	101	3.6	113	3.5	116	4	117	72	
DE-4-1-348-2007	DE-4-1	1	87	32.9	100	3.6	112	3.4	116	4	120	57	
DE-4-1-349-2007-K	DE-4-1	1	99	43.9	106	3.7	114	3.3	116	4	118	77	
DE-4-1-360-2007	DE-4-1	1	87	3	87	3.6	113	3.6	116	4	115	64	
DE-4-1-364-2007	DE-4-1	1	106	64.1	115	3.6	115	3.5	117	4	119	87	
DE-4-1-370-2007	DE-4-1	1	94	35.1	102	3.7	116	3.5	119	4	120	68	
DE-4-1-375-2007	DE-4-1	1	91	3.6	86	3.5	108	3.4	110	4	109	77	
DE-4-1-378-2007	DE-4-1	1	97	17.4	94	3.7	115	3.5	117	4	114	78	
DE-4-1-328-2007	DE-4-1	2	104	48.7	112	3.7	117	3.4	118	4	120	82	
DE-4-1-329-2007	DE-4-1	2	82	5.2	84	3.3	101	3.2	103	4	106	67	
DE-4-1-334-2007	DE-4-1	2	96	48.6	111	3.7	115	3.3	118	3.7	116	69	
DE-4-1-335-2007	DE-4-1	2	101	44.9	110	3.7	116	3.4	119	4	120	77	
DE-4-1-344-2007	DE-4-1	2	85	38.7	102	3.3	97	2.7	100	4	111	67	
DE-4-1-347-2007	DE-4-1	2	89	27.4	97	3.5	104	3	106	4	112	72	
DE-4-1-355-2007	DE-4-1	2	86	22.2	96	3.5	111	3.5	114	4	116	60	
DE-4-1-365-2007	DE-4-1	2	96	32.3	103	3.7	117	3.5	120	4	120	70	
DE-4-1-367-2007	DE-4-1	2	88	15.1	91	3.4	105	3.3	107	4	108	73	
DE-4-1-368-2007-K	DE-4-1	2	100	46.6	111	3.8	124	3.6	127	4	124	68	
DE-4-1-376-2007	DE-4-1	2	88	31.8	100	3.5	107	3.2	110	4	115	64	
DE-4-1-386-2007	DE-11-63	1	98		99		109		110		109	87	
DE-4-1-388-2007	DE-11-63	1	94		107		109		112		115	73*	
DE-4-1-389-2007	DE-11-63	1	88		106		109		113		118	59	
DE-4-1-400-2007	DE-14-122	1	97		94		115		116		116	79	
DE-4-1-401-2007	DE-14-122	1	70		74		91		94		105	56	
DE-4-1-406-2007	DE-14-122	1	103		105		121		123		121	80	
DE-4-1-407-2007	DE-14-122	1	100		124		116		120		113	73	
DE-4-1-408-2007	DE-14-122	1	83		96		99		100		110	64	
DE-4-1-409-2007	DE-14-122	1	104		113		119		122		125	77	

Only one Varroa trait was recorded