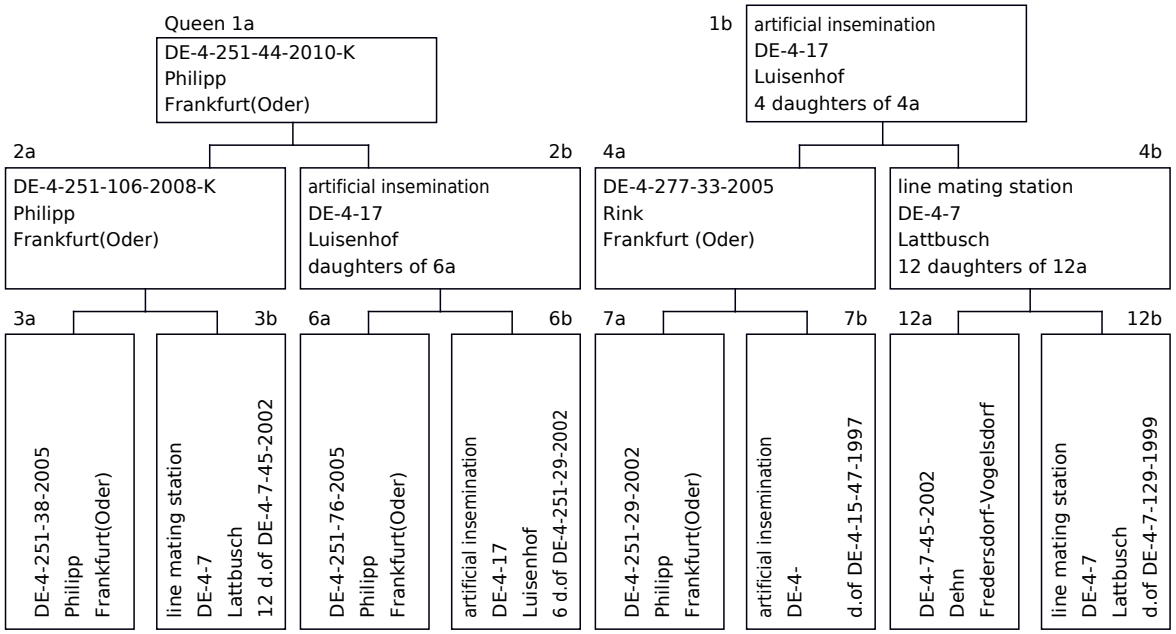
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-251-44-2010-K

Tester of the queen:	Philipp, Golo, 15234 Frankfurt(Oder), DE-4-251, Apiary 3	
Breeder of the queen:	Philipp, Golo, 15234 Frankfurt(Oder), DE-4-251	
1a Studbook number:	**DE-4-251-44-2010-K**	
Race line:	Sign: blue 44	Daughters of Queen: 8.8%
Generation:	Hatch date:	Workers: 8.9%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	70	121.2	1	4	57.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	126	
Honey yield	-	122	0.37
Defensive behavior	4	128	0.52
Steadiness on comb	4	127	0.55
Swarming drive	4	125	0.36
Varroa	-	(112)	0.19
Performance index	-	0	
Robustness in winter	3.80		
Development in Spring	3.80		
Colony strength	3.80		

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

See attached characteristic documents:

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).

24.02.2012

For the correctness DE-4

Breeding selection report DE-4-251-44-2010-K

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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 Behavior	Calmness during inspection	Breeding Value Calmness during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-4-251-200-2011	DE-4-251	1	94	21	86	3.6	94	3.6	95	3.9	101	(97)	
DE-4-251-51-2010	DE-4-251	1	108	35	91	3.8	115	3.8	113	4	114	(104)	
DE-4-251-57-2010	DE-4-251	1	114	55	111	3.5	115	4	114	4	118	(104)	
DE-4-251-88-2010	DE-4-251	1	100	45	97	3.2	101	3.5	100	3.7	102	(100)	
DE-4-251-91-2010	DE-4-251	1	107	50	104	3.5	107	3.6	106	3.8	109	(103)	
DE-4-251-92-2010	DE-4-251	1	109	52	106	3.6	109	3.6	108	3.8	110	(104)	
DE-4-251-97-2010	DE-4-251	1	98	48	98	3.2	96	3	95	3.5	98	(100)	
DE-4-251-98-2010	DE-4-251	1	103	58	110	3	100	3.5	100	3.7	105	(101)	
DE-4-251-55-2010	DE-4-251	2	104	40	98	3.5	107	3.5	106	3.8	106	(102)	
DE-4-251-56-2010	DE-4-251	2	111	60	114	3.5	108	3.5	108	3.8	111	(105)	
DE-4-251-43-2010	DE-4-251	3	106	58	105	3.5	104	3.5	103	4	111	(102)	
DE-4-251-44-2010-K	DE-4-251	3	126	70	122	4	128	4	127	4	125	(112)	