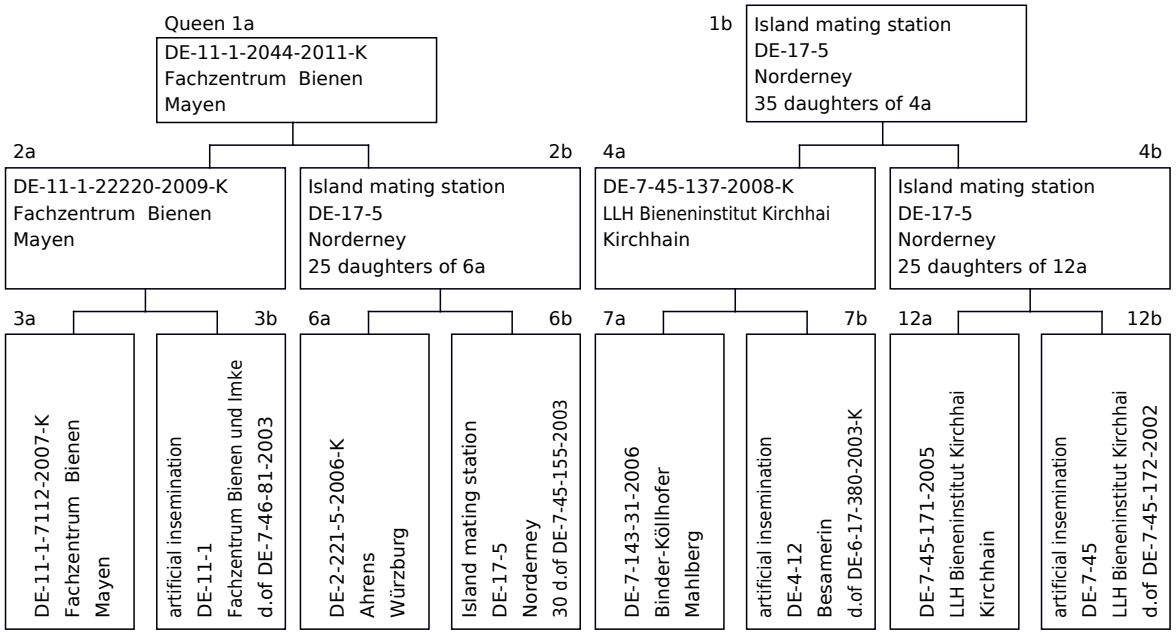
Breeding selection report
DE-11-1-2044-2011-K

Tester of the queen:	Saathoff, Johann, Ihlow, DE-17-27, Apiary 2	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-2044-2011-K**	
		Daughters of
Race line: -80	Sign: white wei	Queen: 0.3%
Generation: 2	Hatch date: 7.6.2011	Workers: 0.6%

A. Pedigree



B. Own performance

	No. of the colony C4			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	62.8	128.6	2	38	48.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	138	
Honey yield	-	132	0.44
Defensive behavior	4	124	0.66
Steadiness on comb	4	123	0.68
Swarming drive	4	120	0.44
Varroa	-	136	0.55
Performance index	-	0	
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

13.02.2013

For the correctness DE-17

Breeding selection report DE-11-1-2044-2011-K

Page 2

Performance of the sisters

Amount of checked sisters: 8

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-11-1-2041-2011	DE-17-27	2	106	40.8	97	3.6	94	3.4	91	4	100	119	
DE-11-1-2042-2011	DE-17-27	2	101	46.2	103	3.4	89	3.4	90	4	102	108	
DE-11-1-2043-2011	DE-17-27	2	98	43.6	99	3.2	85	3.4	85	4	98	108	
DE-11-1-2044-2011-K	DE-17-27	2	138	62.8	132	4	124	4	123	4	120	136	
DE-11-1-2045-2011	DE-17-27	2	126	57.8	122	3.8	110	3.8	109	4	112	130	
DE-11-1-2046-2011	DE-17-27	2	104	44.8	101	3.4	89	3.4	89	4	99	116	
DE-11-1-2048-2011	DE-17-27	2	118	56.8	121	3.8	110	3.8	111	4	116	112	
DE-11-1-2148-2011	DE-17-27	2	106	47.2	106	3.6	98	3.6	99	4	107	108	