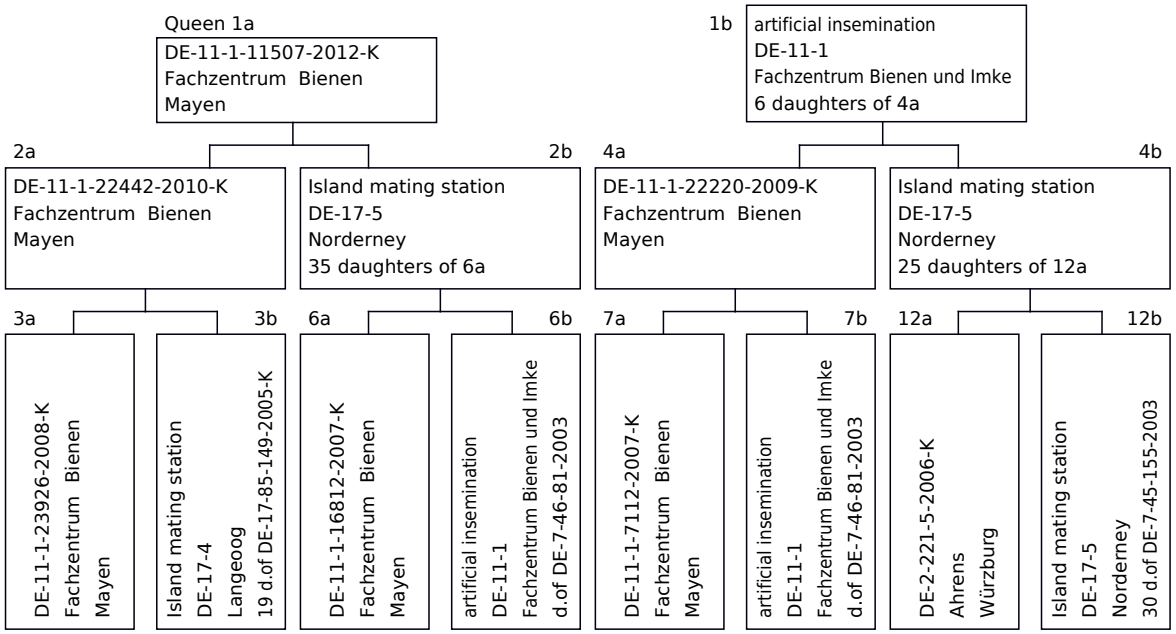
Breeding selection report
DE-11-1-11507-2012-K

DEUTSCHER IMKERBUND E.V.

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 2	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-11507-2012-K**	
		Daughters of
Race line: -72	Sign: yellow 7	Queen: 0.6%
Generation: 12	Hatch date: 05.06.2012	Workers: 1.3%

A. Pedigree



B. Own performance

	No. of the colony 517			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	47	121.4	3	10	38.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	130	
Honey yield	-	119	0.43
Defensive behavior	4	111	0.62
Steadiness on comb	3.50	109	0.65
Swarming drive	4	114	0.43
Varroa	-	138	0.53
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength			

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.

14.04.2014

For the correctness DE-11

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Performance of the sisters

Amount of checked sisters: 11

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-11-1-11507-2012-K	DE-11-1	2	130	47	119	4	111	3.5	109	4	114	138	
DE-11-1-11508-2012-K	DE-11-1	2	126	43.9	113	4	106	3.2	104	2	93	143	
DE-11-1-11509-2012-K	DE-11-1	2	113	36	107	4	107	3.3	107	2	97	118	
DE-11-1-11510-2012-K	DE-11-1	10	113	40.3	108	4	110	3.8	110	4	114	110	
DE-11-1-11634-2012-K	DE-11-1	10	112	24.5	98	3.5	100	3.9	98	4	100	125	
DE-11-1-11635-2012-K	DE-11-1	10	124	54.7	116	4	113	3.9	113	1.5	97	132	
DE-11-1-11637-2012-K	DE-11-1	13	110	32.1	107	4	105	3.3	105	3	96	115	
DE-11-1-11501-2012	DE-11-1	21	116	47.8	111	3.2	102	3.2	101	4	104	124*	
DE-11-1-11502-2012	DE-11-1	21	130	47.8	114	3.3	110	3.5	107	4	103	145*	
DE-11-1-11503-2012	DE-11-1	21	122	43.1	109	3.5	109	3.2	106	4	105	132*	
DE-11-1-11506-2012	DE-11-139	2	123		109		112		110		93	135	

Only one Varroa trait was recorded