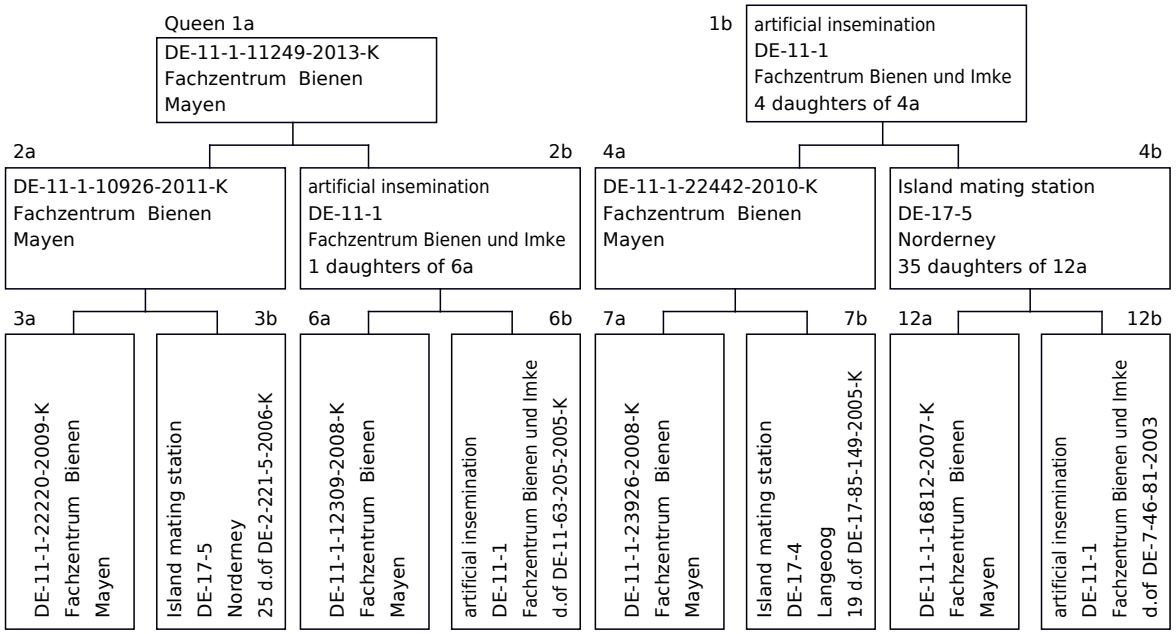
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-11249-2013-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 13	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-11249-2013-K**	
		Daughters of
Race line: -72	Sign: red 49	Queen: 1.4%
Generation: 6	Hatch date: 04.06.2013	Workers: 1.3%

A. Pedigree



B. Own performance

	No. of the colony 411			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	37.7	141.5	2	13	26.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	123	
Honey yield	-	117	0.42
Defensive behavior	4	122	0.62
Steadiness on comb	4	122	0.65
Swarming drive	4	110	0.42
Varroa	-	119	0.52
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 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).

09.03.2015

For the correctness DE-11

Breeding selection report DE-11-1-11249-2013-K

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Performance of the sisters

Amount of checked sisters: 13

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-11-1-12819-2013-K	DE-2-187	3	110		101		101		100		102	(117)	
DE-11-1-11242-2013	DE-11-1	5	114	16.2	92	4	102	3.6	98	4	92	134	
DE-11-1-11960-2013-K	DE-11-1	5	116	25.9	102	4	110	4	109	2.5	86	128	
DE-11-1-11248-2013-K	DE-11-1	13	114	34.9	113	3.8	111	3.8	111	4	105	112	
DE-11-1-11249-2013-K	DE-11-1	13	123	37.7	117	4	122	4	122	4	110	119	
DE-11-1-12836-2013-K	DE-11-1	13	115	36.1	111	3.7	102	3.4	100	4	97	126	
DE-11-1-11243-2013-K	DE-11-1	17	110	30.5	113	4	103	3.5	104	4	102	110	
DE-11-1-11244-2013	DE-11-1	17	112	16.3	103	4	104	3.6	103	4	96	122	
DE-11-1-12841-2013	DE-11-1	20	127	44.6	118	3.4	121	3.5	120	1.5	103	129	
DE-11-1-12842-2013	DE-11-1	20	107	35	108	3	104	2.9	105	1	98	108	
DE-11-1-11245-2013-K	DE-11-19	19	130		103		114		110		104	147	
DE-11-1-11247-2013-K	DE-11-19	19	125		110		114		112		102	133	
DE-11-1-11957-2013	DE-17-27	2	113		108		99		98		96	125	