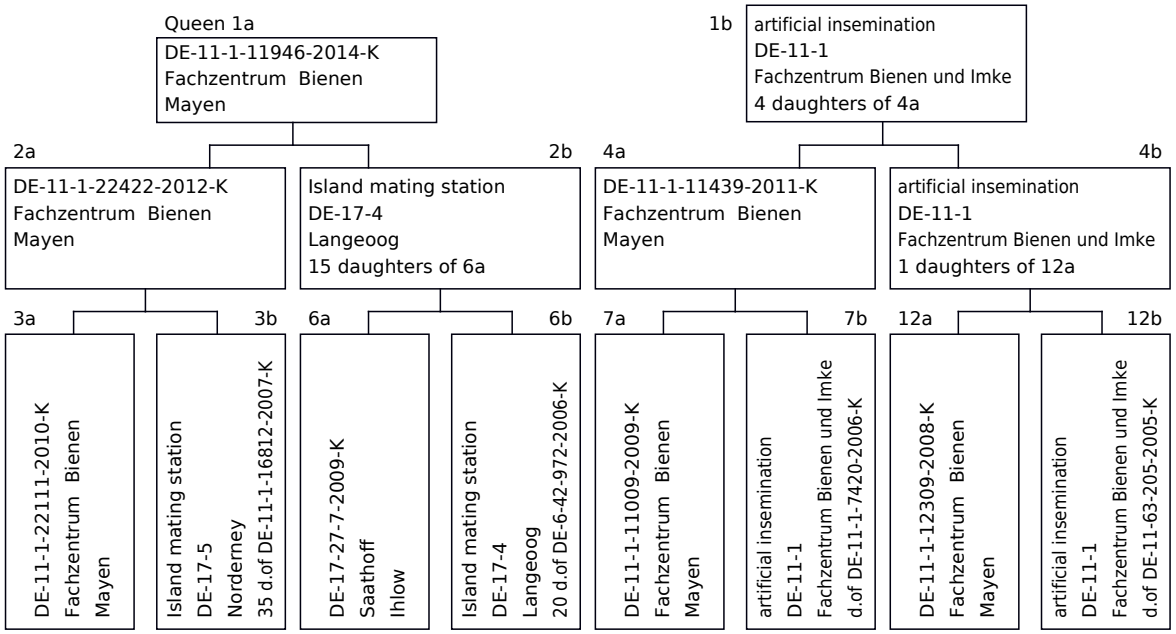
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-11946-2014-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 4	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-11946-2014-K**	
		Daughters of
Race line: -72	Sign: green 46	Queen: 0%
Generation: 12	Hatch date: 27.05.2014	Workers: 0%

A. Pedigree



B. Own performance

	No. of the colony 263			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	84	167	1	9	50.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	122	
Honey yield	-	129	0.4
Defensive behavior	3.80	113	0.6
Steadiness on comb	3.70	112	0.63
Swarming drive	4	110	0.41
Varroa	-	119	0.51
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.

18.04.2016

For the correctness DE-11

Breeding selection report DE-11-1-11946-2014-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-11-1-11947-2014	DE-10-30	1	118		110		119		117		110	115	
DE-11-1-11950-2014	DE-11-1	2	104	46.1	90	4	103	3.4	101	4	98	110	
DE-11-1-11951-2014	DE-11-1	2	109	87.7	126	4	108	3.5	110	2.5	97	103	
DE-11-1-12393-2014-K	DE-11-1	2	110	72.9	115	3.9	107	3.7	106	4	107	106	
DE-11-1-11943-2014-K	DE-11-1	3	113	51.2	117	3.5	103	3.2	102	4	103	115	
DE-11-1-11944-2014-K	DE-11-1	3	118	38.6	111	3.6	117	3.8	116	4	106	115	
DE-11-1-11945-2014	DE-11-1	4	117	82.7	129	3.9	116	3.7	118	4	116	103	
DE-11-1-11946-2014-K	DE-11-1	4	122	84	129	3.8	113	3.7	112	4	110	119	
DE-11-1-11949-2014	DE-11-19	19	109		111		109		109		106	104	
DE-11-1-12394-2014	DE-11-63	1	112		118		110		110		91	113	
DE-11-1-12390-2014	DE-11-139	8	115		101		111		108		98	123	
DE-11-1-12397-2014	DE-11-160	3	110		118		108		108		115	100	