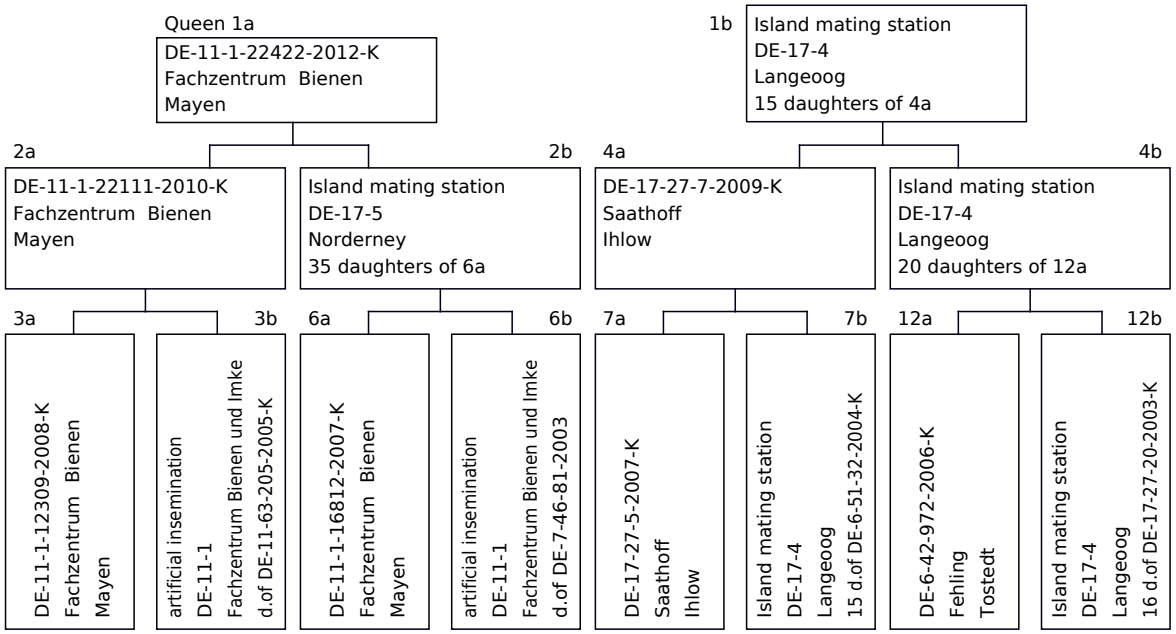
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-22422-2012-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-11-1-22422-2012-K**	
		Daughters of
Race line: -0	Sign: yellow 22	Queen: 4%
Generation: 11	Hatch date: 26.06.2012	Workers: 0.1%

A. Pedigree



B. Own performance

	No. of the colony 495			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	38.3	108.5	4	9	35.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	130	
Honey yield	-	115	0.43
Defensive behavior	4	116	0.62
Steadiness on comb	3.90	113	0.65
Swarming drive	4	113	0.44
Varroa	-	137	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

Breeding selection report DE-11-1-22422-2012-K

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Performance of the sisters

Amount of checked sisters: 10

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-11-1-22422-2012-K	DE-11-1	13	130	38.3	115	4	116	3.9	113	4	113	137	
DE-11-1-22423-2012-K	DE-11-1	13	118	39.7	116	4	118	4	119 inspection	4	122	106	
DE-11-1-22440-2012	DE-11-1	13	120	58.9	123	3.8	99	3.4	97	3.5	102	130	
DE-11-1-22425-2012	DE-11-154	1	123		111		120		119		118	(119)	
DE-11-1-22430-2012	DE-11-155	1	119		117		112		111		113	(117)	
DE-11-1-22416-2012-K	DE-12-37	2	134		127		122		120		123	132	
DE-11-1-2920-2012	DE-17-27	1	105		105		104		104		111	100	
DE-11-1-2945-2012	DE-17-27	1	101		104		99		101		109	97	
DE-11-1-2948-2012	DE-17-27	1	115		118		114		115		120	104	
DE-11-1-2949-2012	DE-17-27	1	101		99		99		99		84	109	