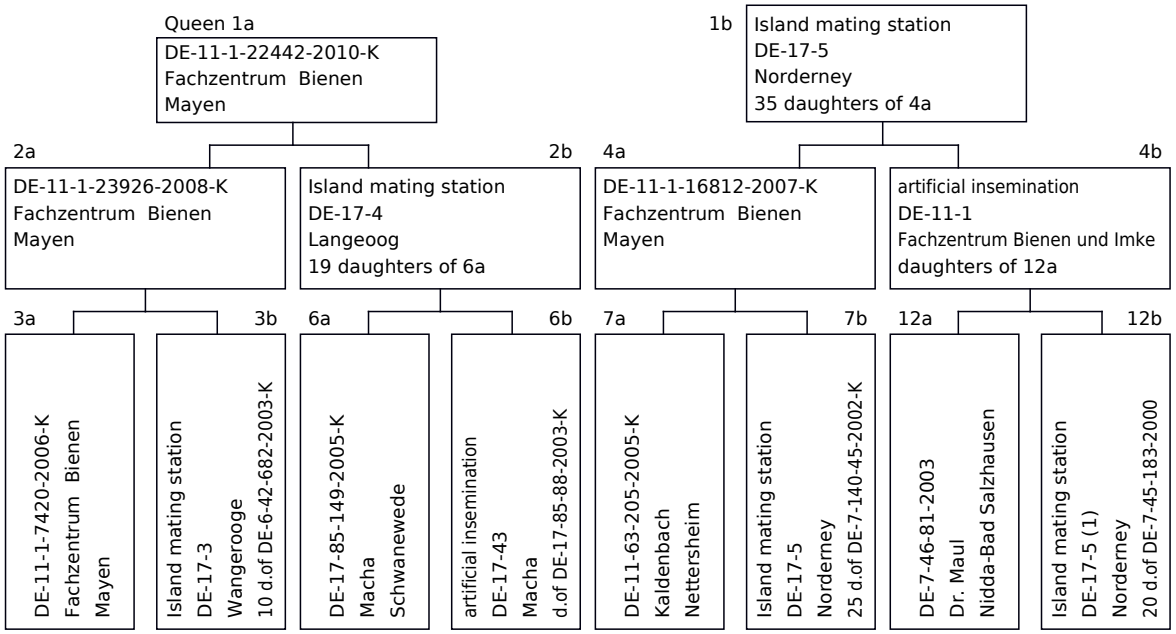
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-22442-2010-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 20	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-22442-2010-K**	
		Daughters of
Race line: -72	Sign: blue 42	Queen: 0%
Generation: 12	Hatch date: 22.06.2010	Workers: 0.5%

A. Pedigree



B. Own performance

	No. of the colony 688			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	76.4	119.8	2	9	63.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	128	
Honey yield	-	124	0.41
Defensive behavior	3.80	121	0.61
Steadiness on comb	3	120	0.64
Swarming drive	2	113	0.42
Varroa	-	125	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 Av
Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

24.05.2012

For the correctness DE-11

Breeding selection report DE-11-1-22442-2010-K

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Performance of the sisters

Amount of checked sisters: 15

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-11-1-22430-2010	DE-11-1	2	105	54	110	3.8	103	3.5	103	4	111	99	
DE-11-1-22431-2010	DE-11-1	2	109	56.4	113	3.7	104	3.7	104	4	110	106	
DE-11-1-22436-2010	DE-11-1	2	111	72.1	125	3.8	101	3.3	101	4	113	106	
DE-11-1-22432-2010	DE-11-1	10	118	45.3	108	4	105	3.2	103	4	105	128	
DE-11-1-22433-2010	DE-11-1	10	86	28.5	90	2.5	80	2.9	80	3	77	100	
DE-11-1-22442-2010-K	DE-11-1	20	128	76.4	124	3.8	121	3	120	2	113	125	
DE-11-1-22434-2010	DE-11-1	21	124	20	100	3.8	117	4	114	4	103	134*	
DE-11-1-22435-2010	DE-11-1	21	92	43	111	3	94	3.6	97	4	108	81	
DE-11-1-22445-2010	DE-11-19	19	107		108		110		111		113	98	
DE-11-1-22446-2010	DE-11-19	19	108		98		97		94		99	121	
DE-11-1-22447-2010	DE-11-19	19	120		105		101		97		97	139	
DE-11-1-22437-2010	DE-11-63	2	121		112		108		106		103	130	
DE-11-1-22443-2010	DE-11-147	1	107		105		113		115		106	98	
DE-11-1-22444-2010	DE-11-147	1	109		119		90		90		107	115	
DE-11-1-22448-2010	DE-12-36	1	94		87		91		90		99	100	

Only one Varroa trait was recorded