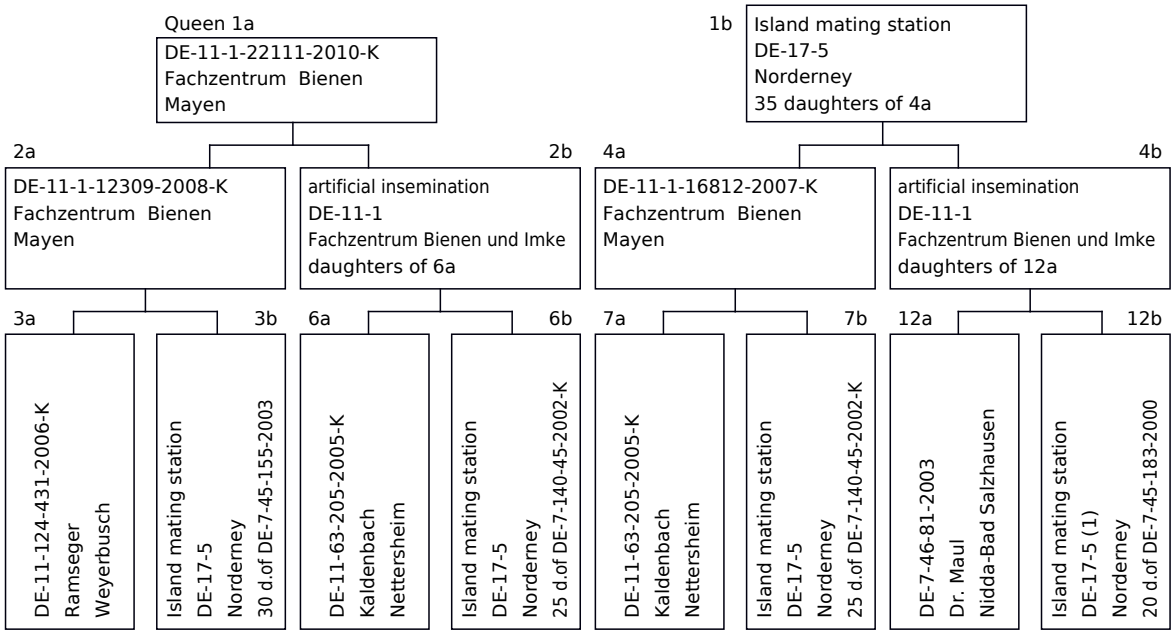
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-22111-2010-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Billich, Tobias, 54516 Wittlich, DE-11-139, Apiary 1	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-22111-2010-K**	
		Daughters of
Race line: -72	Sign: blue 11	Queen: 0.8%
Generation: 11	Hatch date: 22.06.2010	Workers: 4%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	45.4	100.5	7	11	45.2

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	135	
Honey yield	-	115	0.43
Defensive behavior	3.80	121	0.63
Steadiness on comb	3.10	119	0.66
Swarming drive	4	111	0.43
Varroa	-	143	0.54
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.

25.04.2012

For the correctness DE-11

Breeding selection report DE-11-1-22111-2010-K

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Performance of the sisters

Amount of checked sisters: 30

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-11-1-22103-2010	DE-11-1	2	104		97		99		97		99	115	
DE-11-1-22104-2010	DE-11-1	10	111		112		97		96		104	117	
DE-11-1-22105-2010	DE-11-1	10	115		112		102		100		105	123	
DE-11-1-22112-2010	DE-11-1	20	100		85		93		91		88	116	
DE-11-1-22113-2010	DE-11-1	20	114		113		93		92		95	130	
DE-11-1-22115-2010	DE-11-1	20	115		100		103		100		101	128	
DE-11-1-22106-2010	DE-11-1	21	101		110		88		88		101	107	
DE-11-1-22107-2010	DE-11-1	21	112		108		93		91		97	127	
DE-11-1-22120-2010	DE-11-19	19	107		109		95		94		104	114	
DE-11-1-22121-2010	DE-11-19	19	117		127		105		105		112	115	
DE-11-1-22122-2010	DE-11-19	19	119		102		102		98		85	141	
DE-11-1-22110-2010	DE-11-63	2	112		118		110		111		113	105	
DE-11-1-22111-2010-K	DE-11-139	1	135	45.4	115	3.8	121	3.1	119	4	111	143	
DE-11-1-22117-2010	DE-11-147	1	107		108		90		89		104	118	
DE-11-1-22125-2010	DE-12-37	1	105		108		98		98		109	105	
DE-11-1-3301-2010-K	DE-17-27	1	138		130		125		124		120	135	
DE-11-1-3302-2010	DE-17-27	1	125		116		113		112		111	129	
DE-11-1-3304-2010	DE-17-27	1	133		118		119		117		113	138	
DE-11-1-3309-2010	DE-17-27	1	120		112		109		108		110	124	
DE-11-1-3354-2010	DE-17-27	1	128		121		114		112		112	132	
DE-11-1-2143-2010	DE-17-159	7	110		119		97		96		106	112	
DE-11-1-2145-2010	DE-17-159	7	110		113		100		100		107	111	
DE-11-1-2146-2010	DE-17-159	7	118		121		109		109		102	119	
DE-11-1-2147-2010	DE-17-159	7	99		109		81		80		96	111	
DE-11-1-2149-2010	DE-17-159	7	109		108		102		102		105	112	
DE-11-1-2150-2010-K	DE-17-159	7	119		114		105		104		107	125	
DE-11-1-2152-2010	DE-17-159	7	114		108		106		105		106	119	
DE-11-1-3305-2010	DE-17-159	7	114		108		100		98		101	124	
DE-11-1-3306-2010-K	DE-17-159	7	127		113		114		112		108	135	
DE-11-1-3353-2010	DE-17-159	7	114		104		106		106		106	118	