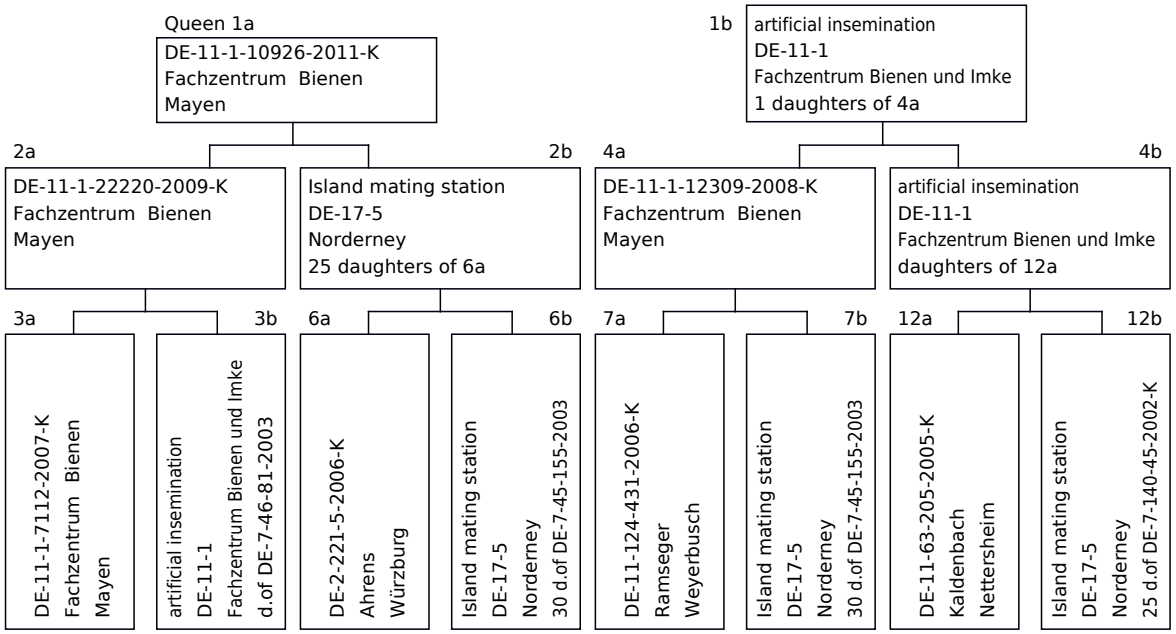
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-11-1-10926-2011-K

IMKERVERBAND RHEINLAND E.V.

Tester of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 3	
Breeder of the queen:	Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1	
1a Studbook number:	**DE-11-1-10926-2011-K**	
		Daughters of
Race line: -72	Sign: white 26	Queen: 0.3%
Generation: 4	Hatch date: 24.05.2011	Workers: 1.4%

A. Pedigree



B. Own performance

	No. of the colony 513			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	23.6	92.5	4	7	25.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	129	
Honey yield	-	114	0.39
Defensive behavior	4	117	0.57
Steadiness on comb	3.90	116	0.6
Swarming drive	4	102	0.39
Varroa	-	137	0.49
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.

24.04.2013

For the correctness DE-11

Breeding selection report DE-11-1-10926-2011-K

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Performance of the sisters

Amount of checked sisters: 16

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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-11-1-10924-2011-K	DE-11-1	3	121	15.8	108	3.8	109	3.9	108	4	96	133	
DE-11-1-10926-2011-K	DE-11-1	3	129	23.6	114	4	117	3.9	116	4	102	137	
DE-11-1-11844-2011	DE-11-1	5	109	21.7	100	3.7	96	3.4	96	4	93	123*	
DE-11-1-11845-2011-K	DE-11-1	5	119	40.2	120	3.9	118	4	120	4	110	111	
DE-11-1-10920-2011	DE-11-1	20	123	59.2	113	1.9	107	3.2	106	2	97	136	
DE-11-1-11840-2011	DE-11-1	20	114	58	110	2.7	106	2.5	106	1	97	120	
DE-11-1-11841-2011	DE-11-1	20	113	63.2	116	2.1	105	2.9	106	1.5	100	114	
DE-11-1-10919-2011	DE-11-1	21	116	46	118	3.2	104	3.6	105	4	102	120	
DE-11-1-11842-2011	DE-11-18	3	118		111		109		108		93	126	
DE-11-1-11843-2011	DE-11-18	3	119		115		(109)		(109)		(100)	124	
DE-11-1-10915-2011	DE-11-19	11	117		125		106		107		104	117	

Only one Varroa trait was recorded