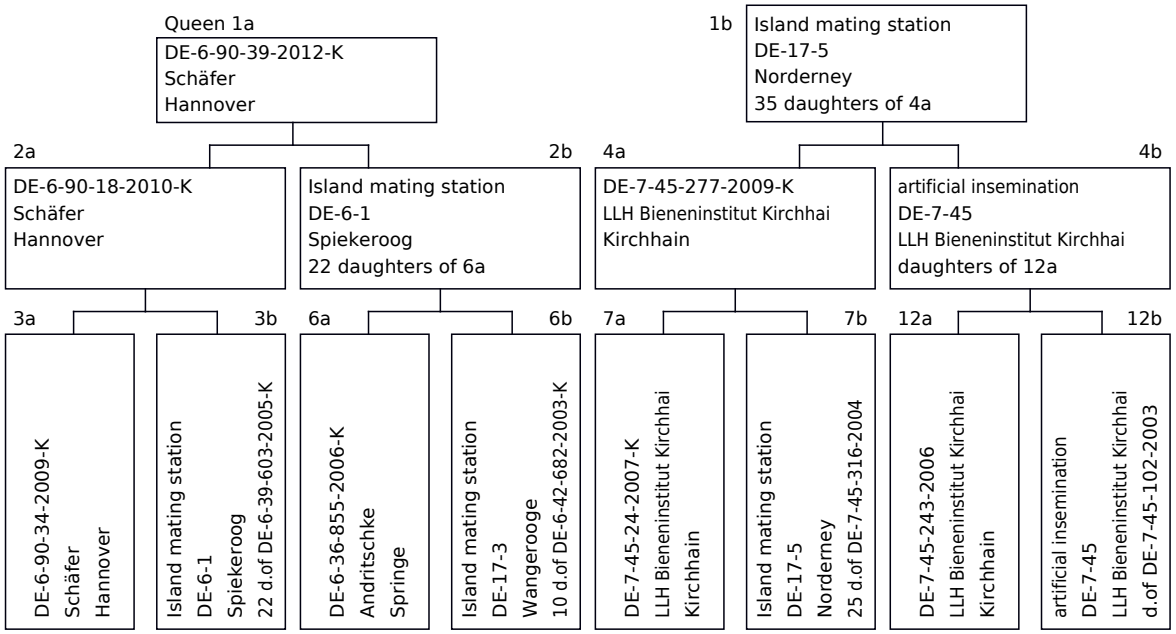
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-6-90-39-2012-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Schäfer, Horst W., 30657 Hannover, DE-6-90, Apiary 2	
Breeder of the queen:	Schäfer, Horst W., 30657 Hannover, DE-6-90	
1a Studbook number:	**DE-6-90-39-2012-K**	
		Daughters of
Race line: -21	Sign: yellow 39	Queen: 6.1%
Generation: 4	Hatch date: 22.06.2012	Workers: 0.5%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	53.6	120.3	2	9	44.5

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	116	
Honey yield	-	109	0.43
Defensive behavior	3.60	95	0.61
Steadiness on comb	3.50	93	0.64
Swarming drive	4	101	0.43
Varroa	-	132	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.

13.02.2014

For the correctness DE-6

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Page 2

Performance of the sisters

Amount of checked sisters: 21

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-6-90-37-2012	DE-6-90	1	98	15.8	87	3.5	95	3.4	93	1	85	(110)	
DE-6-90-43-2012	DE-6-90	1	103	27.1	96	3.3	91	3.4	90	4	100	113	
DE-6-90-19-2012	DE-6-90	2	104	39.6	98	3.7	100	3.6	100	1	89	(113)	
DE-6-90-23-2012	DE-6-90	2	104	23.8	87	3.8	106	3.7	105	1	89	(113)	
DE-6-90-31-2012	DE-6-90	2	115	60.7	116	3.8	106	3.6	106	3.5	106	115	
DE-6-90-39-2012-K	DE-6-90	2	116	53.6	109	3.6	95	3.5	93	4	101	132	
DE-6-90-33-2012-K	DE-6-90	3	111	60.9	115	3.7	97	3.5	97	4	106	116	
DE-6-90-42-2012	DE-6-90	3	99	29.3	97	3.7	95	3.5	96	4	104	100	
DE-6-90-44-2012	DE-6-90	3	112	39.2	104	3.7	99	3.6	97	4	101	123	
DE-6-90-45-2012	DE-6-90	3	92	3.6	80	3.6	90	3.5	89	1	77	(108)	
DE-6-90-1-2012	DE-6-102	1	97		90		97		97		101	99	
DE-6-90-6-2012	DE-6-102	1	103		103		98		98		94	108	
DE-6-90-29-2012	DE-6-102	1	113		96		97		94		96	132	
DE-6-90-30-2012	DE-6-102	1	112		105		98		96		100	124	
DE-6-90-38-2012	DE-6-102	1	104		111		98		100		109	101	
DE-6-90-18-2012	DE-6-103	1	101		(98)		(93)		(93)		91	(111)	
DE-6-90-20-2012	DE-6-103	1	94		96		92		93		95	98*	
DE-6-90-22-2012	DE-6-103	1	97		106		85		86		110	100*	
DE-6-90-28-2012	DE-6-103	1	115		97		100		97		91	134*	
DE-6-90-40-2012	DE-6-103	1	104		97		89		87		85	124*	
DE-6-90-46-2012	DE-6-103	1	101		(98)		(93)		(93)		91	(111)	

Only one Varroa trait was recorded