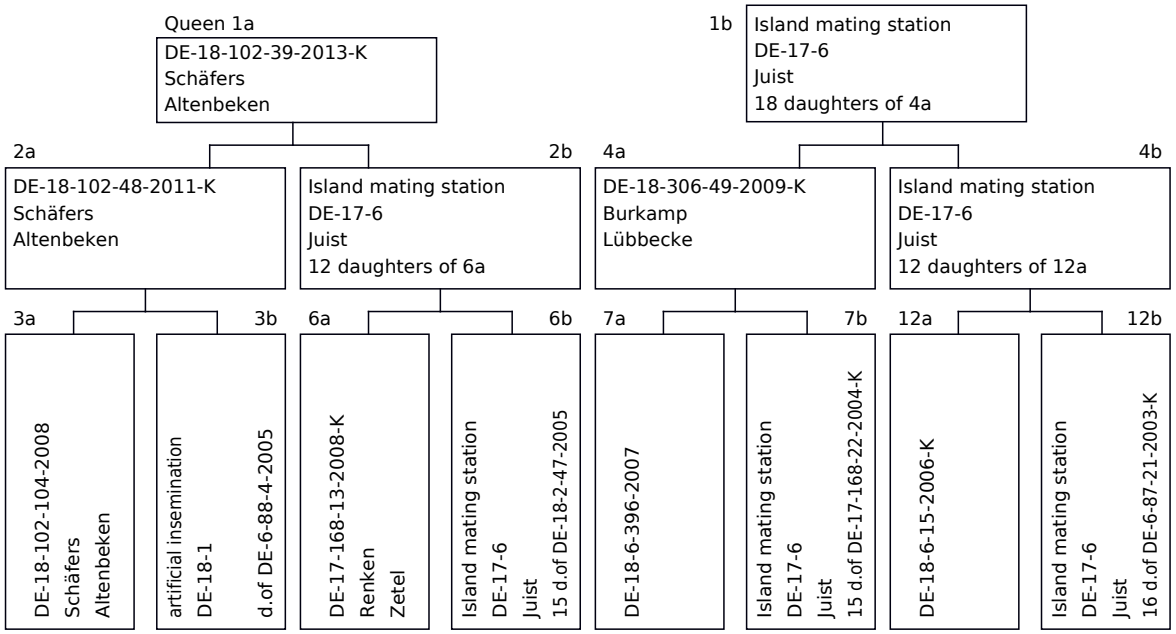
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-18-102-39-2013-K

Landesverband Westfälischer & Lippischer Imker e.V.

Tester of the queen:	Schäfers, Heinrich, 33184 Altenbeken, DE-18-102, Apiary 1	
Breeder of the queen:	Schäfers, Heinrich, 33184 Altenbeken, DE-18-102	
1a Studbook number:	**DE-18-102-39-2013-K**	
		Daughters of
Race line: -10	Sign: red 65	Queen: 2.2%
Generation: 15	Hatch date: 20.06.2013	Workers: 2.4%

A. Pedigree



B. Own performance

	No. of the colony 18-102			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	38.3	128.3	5	18	29.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	117	
Honey yield	-	116	0.43
Defensive behavior	4	117	0.64
Steadiness on comb	4	116	0.66
Swarming drive	4	115	0.43
Varroa	-	108	0.53
Performance index	-	0	
Robustness in winter			
Development in Spring			
Colony strength	3.50		

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.

22.05.2015

For the correctness DE-18

Breeding selection report DE-18-102-39-2013-K

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Performance of the sisters

Amount of checked sisters: 11

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-18-102-16-2013	DE-15-53	5	95		93		99		99		100	94	
DE-18-102-36-2013-K	DE-15-53	5	113		118		114		114		112	103	
DE-18-102-40-2013	DE-15-53	5	112		115		114		113		111	104	
DE-18-102-41-2013	DE-15-53	5	109		114		110		110		109	101	
DE-18-102-18-2013	DE-18-102	1	117	35.7	113	4	117	4	116	3.8	108	112	
DE-18-102-26-2013-K	DE-18-102	1	114	26.1	105	4	116	4	114	3.7	104	112	
DE-18-102-30-2013-K	DE-18-102	1	115	30.2	108	4	116	4	115	3.3	98	116	
DE-18-102-33-2013-K	DE-18-102	1	112	27.2	105	4	111	3.8	109	4	109	110	
DE-18-102-39-2013-K	DE-18-102	1	117	38.3	116	4	117	4	116	4	115	108	
DE-18-102-44-2013	DE-18-102	1	104	23	101	3.8	105	3.8	104	4	106	103	
DE-18-102-14-2013	DE-18-502	1	102		107		117		119		114	82	