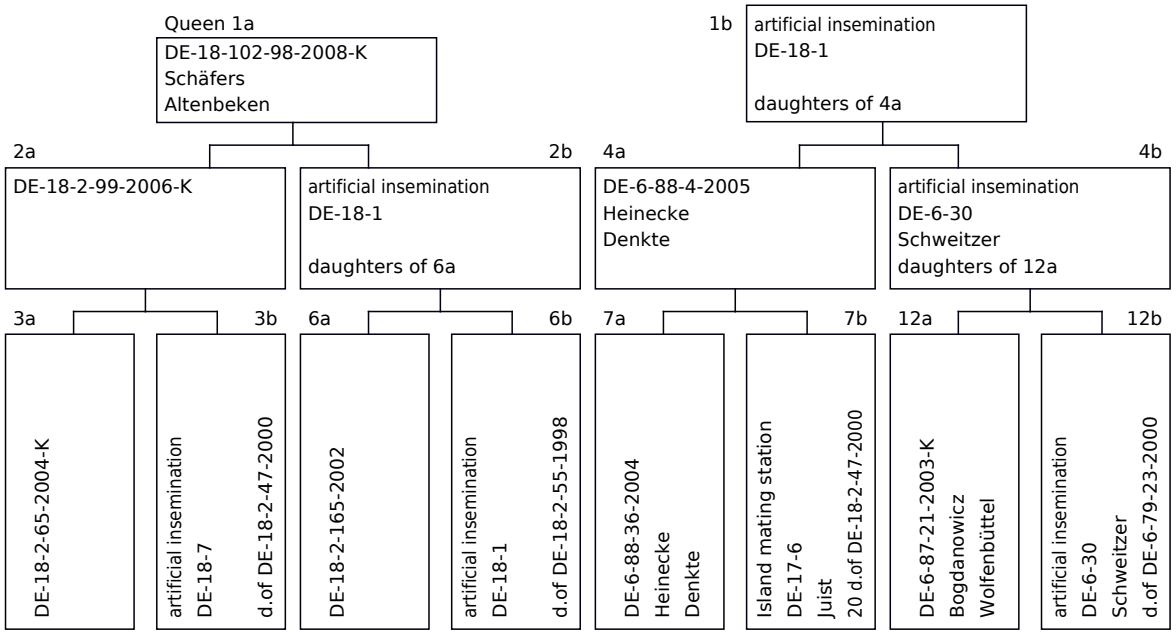
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-18-102-98-2008-K

Landesverband Westfälischer & Lippischer Imker e.V.

Tester of the queen:	Schäfers, Heinrich, 33184 Altenbeken, DE-18-102, Apiary 3	
Breeder of the queen:	Schäfers, Heinrich, 33184 Altenbeken, DE-18-102	
1a Studbook number:	**DE-18-102-98-2008-K**	
		Daughters of
Race line: -10	Sign: red 56	Queen: 1.8%
Generation: 13	Hatch date:	Workers: 2.2%

A. Pedigree



B. Own performance

	No. of the colony 18-102-Schäfers			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	54.7	111.7	2	8	49.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	120	
Honey yield	-	117	0.42
Defensive behavior	4	114	0.6
Steadiness on comb	4	114	0.63
Swarming drive	4	116	0.42
Varroa	-	116	0.51
Performance index	-	0	
Robustness in winter			
Development in Spring	4		
Colony strength	4		

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.

09.01.2011

For the correctness DE-18

Breeding selection report DE-18-102-98-2008-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-18-102-103-2008	DE-18-102	1	115	33.7	100	3.8	109	3.9	101	4	105	125	
DE-18-102-104-2008	DE-18-102	1	125	50	114	4	116	4	114	4	116	126	
DE-18-102-105-2008	DE-18-102	1	105	42.3	103	3.7	93	3.6	91	4	105	113	
DE-18-102-107-2008	DE-18-102	1	108	54.7	118	4	116	4	119	4	126	86	
DE-18-102-96-2008	DE-18-102	2	118	59.2	120	4	119	4	120	4	119	106	
DE-18-102-102-2008	DE-18-102	2	117	51.7	112	3.8	111	4	110	4	109	117	
DE-18-102-98-2008-K	DE-18-102	3	120	54.7	117	4	114	4	114	4	116	116	
DE-18-202-97-2008	DE-18-202	1	122		124		115		114		127	(112)	
DE-18-202-100-2008	DE-18-202	1	110		109		107		107		107	(108)	
DE-18-402-99-2008	DE-18-402	4	110		105		108		108		109	(108)	
DE-18-502-106-2008	DE-18-502	1	110		108		107		106		108	110*	

Only one Varroa trait was recorded