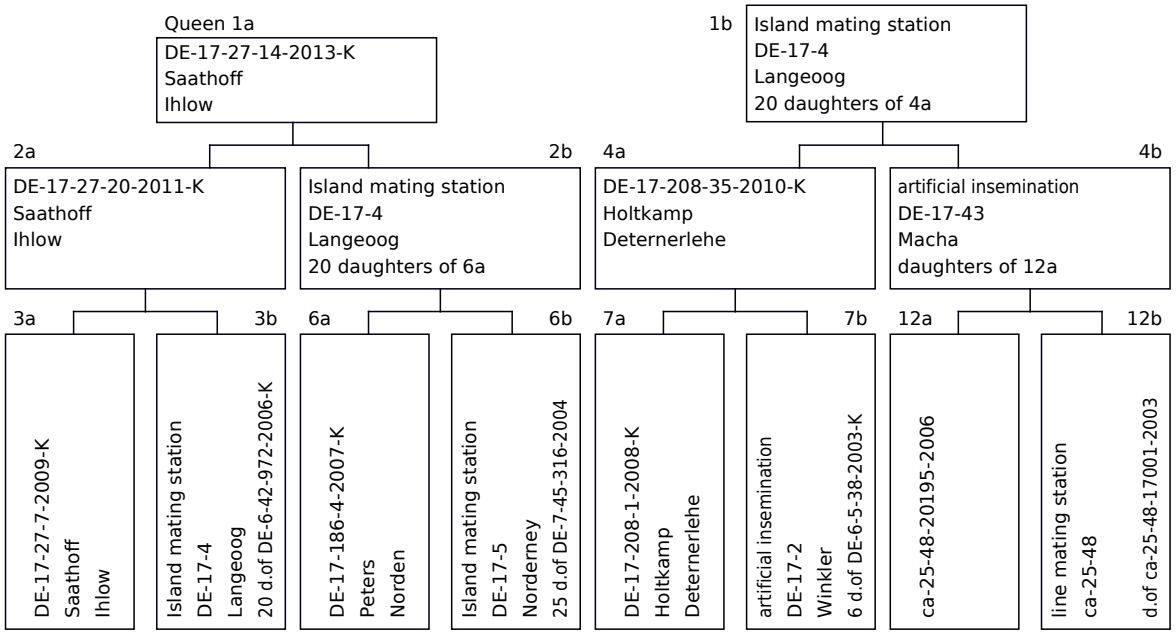
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-27-14-2013-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

Tester of the queen:	Saathoff, Johann, Ihlow, DE-17-27, Apiary 2	
Breeder of the queen:	Saathoff, Johann, Ihlow, DE-17-27	
1a Studbook number:	**DE-17-27-14-2013-K**	
		Daughters of
Race line: -30	Sign: red rot	Queen: 3%
Generation: 8	Hatch date: 05.06.2013	Workers: 0.6%

A. Pedigree



B. Own performance

	No. of the colony Prüfstand Ihloh			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	62.6	142.6	1	46	43.9

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	143	
Honey yield	-	135	0.45
Defensive behavior	4	129	0.66
Steadiness on comb	4	127	0.68
Swarming drive	4	121	0.45
Varroa	-	142	0.55
Performance index	-	0	
Robustness in winter	4		
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.

10.02.2015

For the correctness DE-17

Breeding selection report DE-17-27-14-2013-K

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Performance of the sisters

Amount of checked sisters: 17

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-17-27-1-2013	DE-17-27	2	108	41.4	107	3.6	109	3.8	110	4	115	101	
DE-17-27-2-2013	DE-17-27	2	111	43.4	108	3.6	106	3.6	106	4	109	111	
DE-17-27-3-2013	DE-17-27	2	114	46.4	114	3.8	116	3.8	117	4	118	102	
DE-17-27-4-2013	DE-17-27	2	108	43.4	108	3.6	106	3.6	107	4	111	103	
DE-17-27-5-2013	DE-17-27	2	116	43.8	111	3.8	115	3.8	115	4	115	109	
DE-17-27-6-2013-K	DE-17-27	2	141	59.6	132	4	128	4	126	4	120	139	
DE-17-27-7-2013	DE-17-27	2	117	47.2	115	3.8	116	3.8	116	4	117	108	
DE-17-27-8-2013	DE-17-27	2	110	41.4	106	3.6	106	3.6	105	4	109	110	
DE-17-27-9-2013	DE-17-27	2	113	46.2	113	3.8	112	3.6	112	4	115	106	
DE-17-27-10-2013-D	DE-17-27	2	111	43.2	108	3.6	106	3.6	106	4	109	110	
DE-17-27-11-2013	DE-17-27	2	118	49.1	118	3.8	121	4	122	4	120	104	
DE-17-27-12-2013	DE-17-27	2	111	42	108	3.6	109	3.8	110	4	111	107	
DE-17-27-13-2013	DE-17-27	2	121	47.4	117	3.8	120	4	121	4	118	112	
DE-17-27-14-2013-K	DE-17-27	2	143	62.6	135	4	129	4	127	4	121	142	
DE-17-27-15-2013	DE-17-27	2	109	47.4	114	3.6	110	3.8	112	4	116	97	
DE-17-27-16-2013	DE-17-27	2	115	43.6	112	3.8	120	4	121	4	119	103	
DE-17-27-17-2013	DE-17-27	2	114	47	113	3.6	107	3.6	106	4	110	114	