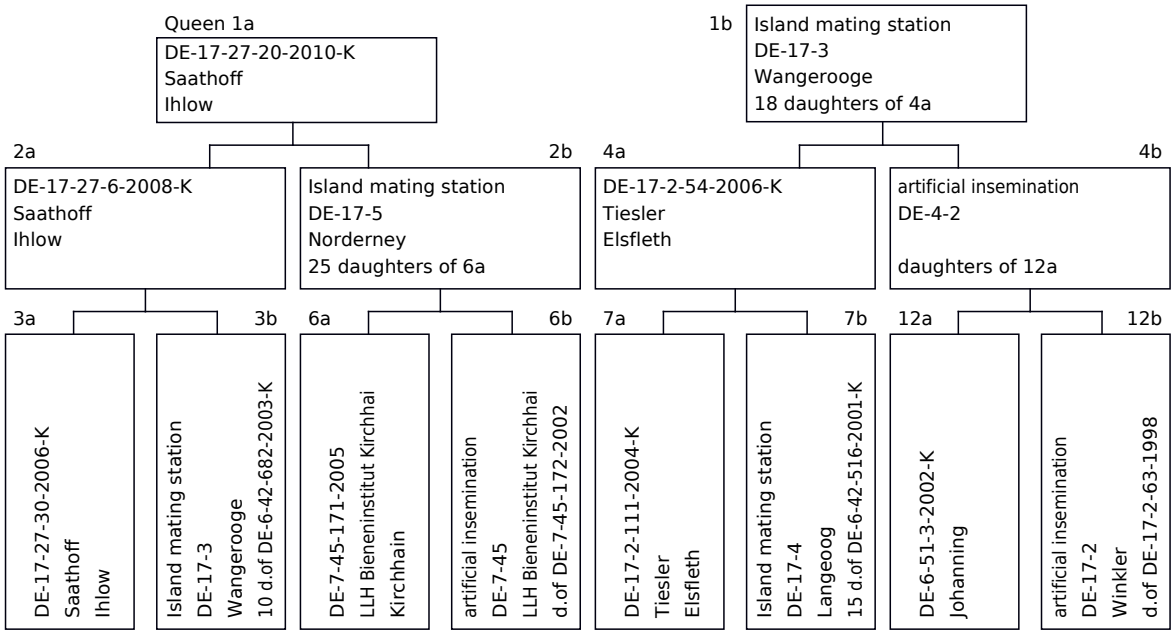
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-17-27-20-2010-K

LANDESVERBAND DER IMKER WESER-EMS e.V.

Tester of the queen:	Saathoff, Johann, Ihlow, DE-17-27, Apiary 1	
Breeder of the queen:	Saathoff, Johann, Ihlow, DE-17-27	
1a Studbook number:	**DE-17-27-20-2010-K**	
		Daughters of
Race line: -23	Sign: blue Bl.	Queen: 0.3%
Generation: 5	Hatch date: 16.06.2010	Workers: 0.7%

A. Pedigree



B. Own performance

	No. of the colony PS Ihlow			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	62.4	147.1	1	35	42.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	138	
Honey yield	-	133	0.43
Defensive behavior	4	128	0.65
Steadiness on comb	4	128	0.67
Swarming drive	4	126	0.43
Varroa	-	130	0.54
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.

23.02.2012

For the correctness DE-17

Breeding selection report DE-17-27-20-2010-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-2-729-2-2010-K	DE-2-729	1	116		105		119		120		115	(109)	
DE-17-27-15-2010	DE-17-27	1	104	44.9	108	3.4	99	3.4	100	4	112	100	
DE-17-27-16-2010	DE-17-27	1	104	38.6	102	3.2	99	3.6	99	4	108	104	
DE-17-27-17-2010	DE-17-27	1	105	42.8	105	3.4	97	3.2	96	4	108	108	
DE-17-27-18-2010-K	DE-17-27	1	138	58.6	129	4	128	4	127	4	124	133	
DE-17-27-19-2010	DE-17-27	1	103	50	113	3.2	100	3.6	102	4	114	95	
DE-17-27-20-2010-K	DE-17-27	1	138	62.4	133	4	128	4	128	4	126	130	
DE-17-27-21-2010	DE-17-27	1	99	44.8	106	3.2	93	3.2	94	4	109	98	
DE-17-27-22-2010	DE-17-27	1	105	36	98	3.4	96	3.2	94	4	104	113	
DE-17-27-23-2010	DE-17-27	1	89	34.2	93	3	89	3.2	90	3	90	94	
DE-17-27-24-2010	DE-17-27	1	115	48.8	115	3.8	112	3.6	112	4	119	108	
DE-17-27-25-2010	DE-17-27	1	106	39.2	103	3.6	103	3.4	103	4	111	104	
DE-17-27-26-2010	DE-17-27	1	97	39.6	102	3.2	96	3.4	97	4	109	92	
DE-17-27-27-2010	DE-17-27	1	116	41.6	107	3.8	111	3.6	111	4	115	114	
DE-17-27-28-2010	DE-17-27	1	106	36	99	3.4	99	3.4	98	4	106	111	
DE-17-27-29-2010	DE-17-27	1	104	38	102	3.4	102	3.6	102	4	111	101	
DE-17-27-30-2010	DE-17-27	1	122	45.8	113	3.8	116	3.8	115	4	117	120	