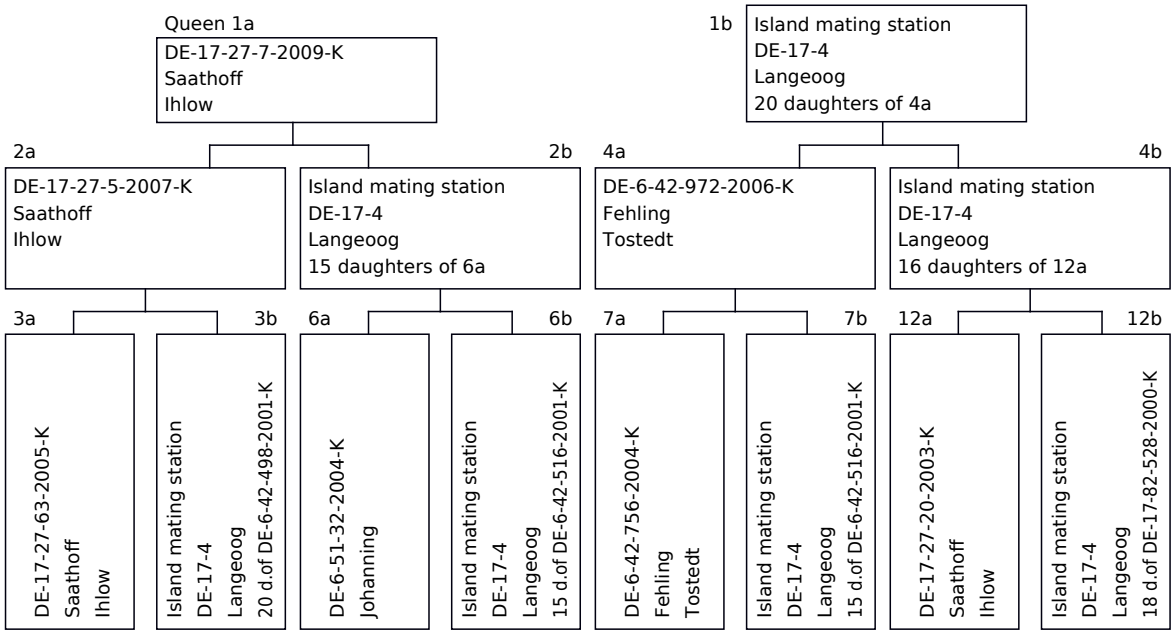
Breeding selection report
DE-17-27-7-2009-K

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-17-27-7-2009-K**	
		Daughters of
Race line: -30	Sign: green gn	Queen: 3.4%
Generation: 5	Hatch date: 25.5.2009	Workers: 5.2%

A. Pedigree



B. Own performance

	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	61	124.6	3	37	49.0

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	127	
Honey yield	-	123	0.46
Defensive behavior	4	125	0.67
Steadiness on comb	4	124	0.69
Swarming drive	4	123	0.46
Varroa	-	117	0.56
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.

20.02.2011

For the correctness DE-17

Breeding selection report DE-17-27-7-2009-K

Page 2

Performance of the sisters

Amount of checked sisters: 19

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-17-27-3-2009	DE-17-27	2	96	40.8	93	3.4	94	3.6	96	4	104	97	
DE-17-27-4-2009	DE-17-27	2	115	59.8	118	3.8	113	3.8	113	4	119	105	
DE-17-27-5-2009	DE-17-27	2	104	42.4	97	3.6	106	3.8	105	4	109	100	
DE-17-27-6-2009	DE-17-27	2	89	37.4	88	3.4	93	3.4	93	4	104	87	
DE-17-27-7-2009-K	DE-17-27	2	127	61	123	4	125	4	124	4	123	117	
DE-17-27-8-2009	DE-17-27	2	101	42.6	97	3.6	106	3.8	106	4	110	95	
DE-17-27-9-2009	DE-17-27	2	107	53.2	111	3.8	112	3.8	113	4	119	92	
DE-17-27-38-2009	DE-17-27	2	102	46	100	3.6	102	3.6	101	4	109	99	
DE-17-27-39-2009	DE-17-27	2	111	51.6	109	3.8	112	3.8	112	4	116	102	
DE-17-27-40-2009	DE-17-27	2	115	54.4	115	4	124	4	125	4	125	96	
DE-17-27-41-2009	DE-17-27	2	98	42.4	94	3.6	101	3.6	101	3	92	100	
DE-17-27-42-2009	DE-17-27	2	118	53.8	114	4	124	4	124	4	123	102	
DE-17-27-43-2009	DE-17-27	2	113	47	105	3.8	117	4	116	4	115	105	
DE-17-69-4-2009-K	DE-17-69	1	112		116		112		112		126	98	
DE-17-69-5-2009	DE-17-69	1	112		93		108		106		112	117*	
DE-17-69-6-2009	DE-17-69	1	100		97		105		105		117	92*	
DE-17-69-7-2009	DE-17-69	1	100		95		109		109		109	92*	
DE-17-98-2-2009-K	DE-17-69	1	118		122		108		107		122	112	
DE-17-98-1-2009-K	DE-17-98	1	117		114		112		110		121	113	

Only one Varroa trait was recorded