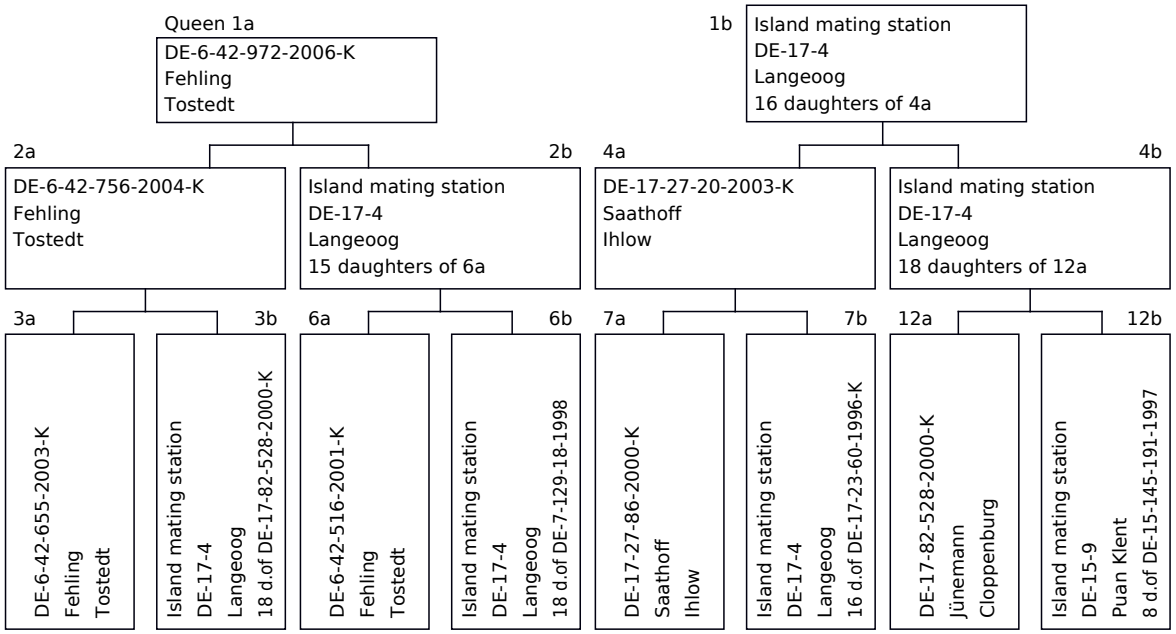
Breeding selection report
DE-6-42-972-2006-K

Tester of the queen:	Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42, Apiary 2	
Breeder of the queen:	Fehling, Horst-Dieter, 21255 Tostedt, DE-6-42	
1a Studbook number:	**DE-6-42-972-2006-K**	
		Daughters of
Race line: -30	Sign: white 66	Queen: 9.6%
Generation: 17	Hatch date: 02.06.2006	Workers: 4.5%

A. Pedigree



B. Own performance

	No. of the colony 608			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	39.6	93.5	8	11	42.3

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	116	
Honey yield	-	100	0.51
Defensive behavior	3.80	116	0.66
Steadiness on comb	3.80	114	0.68
Swarming drive	4	119	0.5
Varroa	-	112	0.58
Performance index	-	0	
Robustness in winter	4		
Development in Spring	4		
Colony strength	2.50		

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.

18.02.2009

For the correctness DE-6

Breeding selection report DE-6-42-972-2006-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-6-42-968-2006	DE-6-42	1	120	33.3	98	3.9	109	3.9	102	4	108	133	
DE-6-42-978-2006	DE-6-42	1	86	22	85	3.7	90	3.7	89	4	106	85	
DE-6-42-970-2006	DE-6-42	2	109	35.8	96	3.5	103	3.6	100	3	99	118	
DE-6-42-972-2006-K	DE-6-42	2	116	39.6	100	3.8	116	3.8	114	4	119	112	
DE-6-42-984-2006	DE-6-42	2	116	50.1	110	3.8	117	3.8	115	3	111	111	
DE-6-42-987-2006	DE-6-42	2	114	48.4	106	3.6	106	3.6	104	3	104	119	
DE-6-42-989-2006	DE-6-42	2	100	44.3	100	3.1	93	3.4	91	3	98	106	
DE-6-42-992-2006	DE-6-42	2	111	42.3	104	3.7	110	3.7	109	4	121	105	
DE-6-42-967-2006	DE-6-42	3	105	40.8	105	3.9	113	3.9	114	3	113	92	
DE-6-42-974-2006	DE-6-42	3	115	23.5	92	3.7	103	3.7	99	4	110	127	
DE-6-42-991-2006	DE-6-42	3	103	26.2	94	3.7	105	3.8	104	4	117	97	
DE-6-42-980-2006	DE-6-42	4	99	52.3	110	3	90	2.9	89	3	101	102	
DE-6-42-982-2006	DE-6-42	4	100	44.5	107	3.3	96	3.1	95	4	117	95	
DE-6-172-35-2006	DE-6-172	1	100		90		103		102		106	99	
DE-6-172-38-2006	DE-6-172	1	105		92		106		104		106	107	
DE-6-172-33-2006	DE-6-172	2	95		88		99		98		105	94	
DE-6-172-36-2006	DE-6-172	2	102		111		101		102		112	94	
DE-6-172-34-2006	DE-6-172	3	95		95		96		95		106	93	
DE-6-172-37-2006	DE-6-172	3	112		111		110		109		114	107	