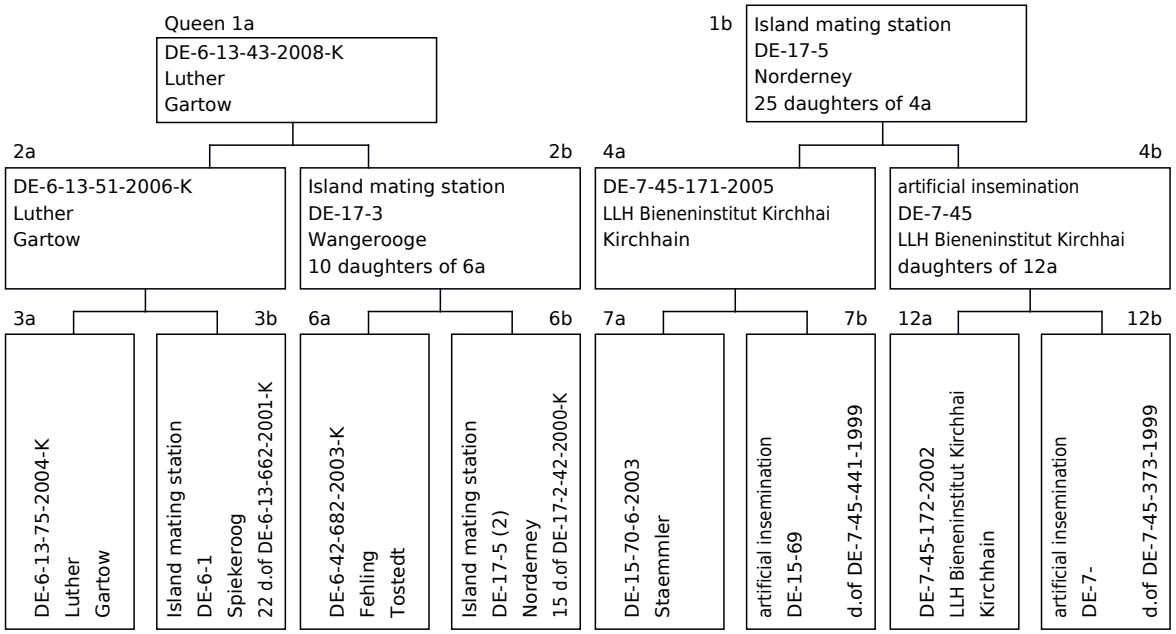
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-6-13-43-2008-K

LANDESVERBAND HANNOVERSCHER IMKER E.V.

Tester of the queen:	Luther, Friedrich, 29471 Gartow, DE-6-13, Apiary 1	
Breeder of the queen:	Luther, Friedrich, 29471 Gartow, DE-6-13	
1a Studbook number:	**DE-6-13-43-2008-K**	
		Daughters of
Race line: -21	Sign: red 25	Queen: 1.1%
Generation: 3	Hatch date: 26.06.2008	Workers: 0.2%

A. Pedigree



B. Own performance

	No. of the colony 6-13			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	41.1	135.2	2	12	30.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	120	
Honey yield	-	112	0.46
Defensive behavior	3.90	111	0.64
Steadiness on comb	3.90	110	0.67
Swarming drive	4	114	0.46
Varroa	-	120	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.

22.02.2010

For the correctness DE-6

Breeding selection report DE-6-13-43-2008-K

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Performance of the sisters

Amount of checked sisters: 16

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-6-13-43-2008-K	DE-6-13	1	120	41.1	112	3.9	111	3.9	110	4	114	120	
DE-6-13-46-2008-K	DE-6-13	1	124	49.6	118	4	116	4	116 inspection	4	117	121	
DE-6-13-47-2008	DE-6-13	1	123	40.5	113	4	115	4	114	4	116	123	
DE-6-13-51-2008	DE-6-13	1	106	28.3	105	4	115	4	117	4	120	90	
DE-6-13-52-2008	DE-6-13	1	100	25.4	100	3.8	105	3.8	107	4	115	90	
DE-6-13-53-2008	DE-6-13	3	127	33.4	110	4	120	4	119	4	122	124	
DE-6-13-61-2008	DE-6-13	3	93	32	101	3.6	98	3.6	100	3	105	85	
DE-6-13-45-2008	DE-6-42	1	108		106		101		101		119	106	
DE-6-13-48-2008	DE-6-42	1	107		105		101		101		101	110	
DE-6-13-44-2008	DE-6-42	3	116		109		101		99		115	122	
DE-6-13-49-2008	DE-6-42	3	99		108		103		105		122	85	
DE-6-13-62-2008	DE-6-42	4	106		102		105		105		113	103	
DE-6-13-63-2008	DE-6-42	4	97		95		97		97		108	96	
DE-6-13-64-2008	DE-6-42	4	107		104		110		111		118	98	
DE-6-13-67-2008	DE-6-195	1	113		101		105		104		110	118	
DE-6-13-59-2008	DE-6-195	2	123		113		114		112		119	123	