

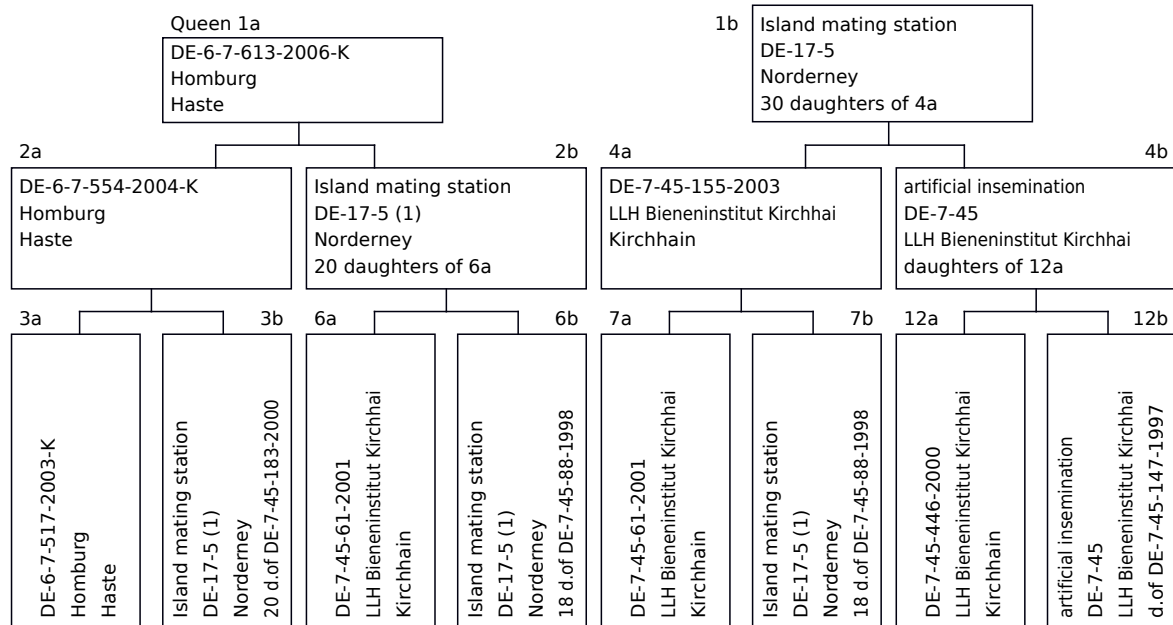
Tester of the queen: Homburg, Ewald, 31559 Haste, DE-6-7, Apiary 1  
Breeder of the queen: Homburg, Ewald, 31559 Haste, DE-6-7  
**1a** Studbook number: **DE-6-7-613-2006-K**

Race line: -30  
Generation: 11

Sign: white 92  
Hatch date: 30.06.2006

Daughters of  
Queen: 3.7%  
Workers: 4.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Ho			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	49.3	131.3	2	9	37.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	123			
Honey yield	-	114			0.43
Defensive behavior	3.70	122			0.6
Steadiness on comb	3.50	122			0.63
Swarming drive	4	113			0.43
Varroa	-	117*			0.52
Performance index	-	0			
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	3.50				

<sup>1</sup>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%.

Only one Varroa trait was recorded

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

See attached characteristic documents:

### E. Results

#### Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

# Breeding selection report DE-6-7-613-2006-K

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### Performance of the sisters

Amount of checked sisters: 9

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 index
DE-6-7-588-2006	DE-6-7	1	105	40.3	103	3.2	Behavior	3	103	4	103	110*	
DE-6-7-589-2006	DE-6-7	1	107	38.6	103	3.4	106	3.2	106	4	104	107*	
DE-6-7-590-2006	DE-6-7	1	105	32.1	97	3.3	100	3	99	4	98	113*	
DE-6-7-592-2006	DE-6-7	1	118	47.5	110	3.4	107	3.2	105	4	102	125*	
DE-6-7-594-2006	DE-6-7	1	121	54.6	117	3.6	115	3.3	114	4	110	118*	
DE-6-7-595-2006	DE-6-7	1	97	24	91	3.2	100	3.2	101	4	99	99*	
DE-6-7-613-2006-K	DE-6-7	1	123	49.3	114	3.7	122	3.5	122	4	113	117*	
DE-6-7-615-2006	DE-6-7	1	96	23.8	91	3.4	103	3.1	104	4	103	92*	
DE-6-7-618-2006	DE-6-7	1	106	27.7	95	3.5	105	3	104	4	101	111*	

Only one Varroa trait was recorded