

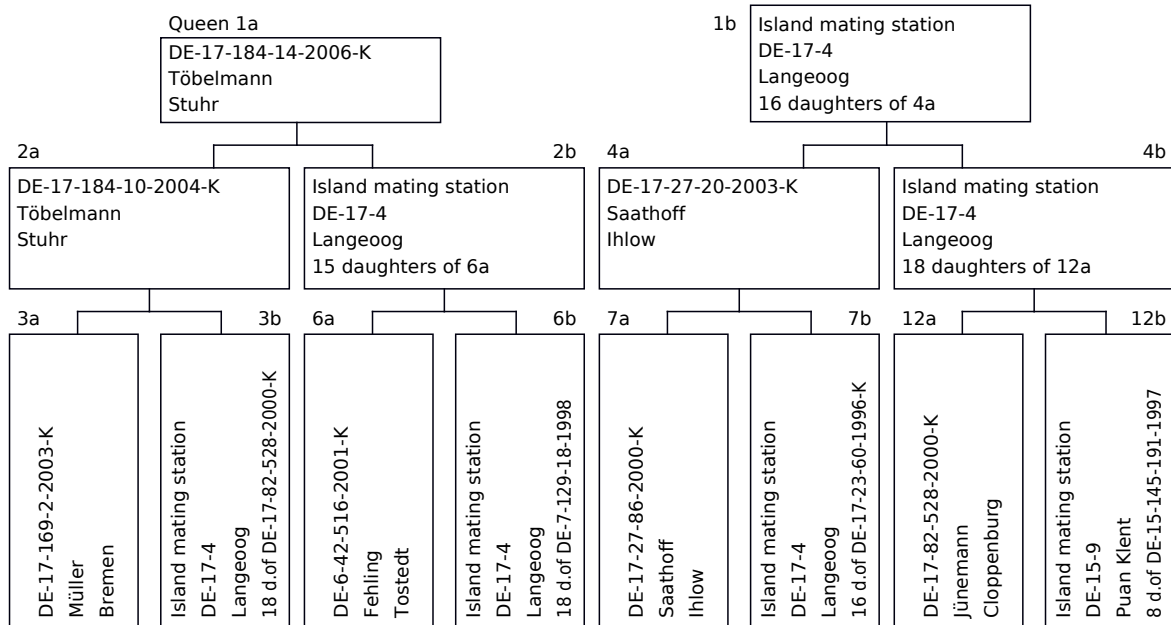
Tester of the queen: Töbelmann, Klaus, Stuhr, DE-17-184, Apiary 1  
Breeder of the queen: Töbelmann, Klaus, Stuhr, DE-17-184  
**1a** Studbook number: **DE-17-184-14-2006-K**

Race line: -30  
Generation: 1

Sign: white 22  
Hatch date: 6.6.2006

Daughters of  
Queen: 0%  
Workers: 4.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 33			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	28	56.6	10	12	49.5	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	105	■			
Honey yield	-	84	■			0.44
Defensive behavior	3.50	103	■			0.61
Steadiness on comb	3.50	101	■			0.64
Swarming drive	3	99	■			0.44
Varroa	-	113*	■			0.51
Performance index	-	0				
Robustness in winter	3.70					
Development in Spring	3.70					
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 B**  
Suitable for breeding.

# Breeding selection report DE-17-184-14-2006-K

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### Performance of the sisters

Amount of checked sisters: 12

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-17-184-1-2006	DE-17-184	1	95	27.5	83	3.5	Behavior	3.5	100	1	100	(96)	
DE-17-184-2-2006	DE-17-184	1	102	22	82	3.7	114	3.6	113	2	101	(99)	
DE-17-184-3-2006	DE-17-184	1	105	52	100	3.5	105	3.5	104	2	100	105*	
DE-17-184-5-2006	DE-17-184	1	95	50	97	3.4	99	3.4	99	2	100	93*	
DE-17-184-6-2006	DE-17-184	1	94	46	95	3.4	99	3.4	99	3	108	89*	
DE-17-184-7-2006	DE-17-184	1	102	72	113	3.5	106	3.5	108	2	108	91*	
DE-17-184-8-2006	DE-17-184	1	100	63	108	3.5	106	3.5	107	3	116	86*	
DE-17-184-9-2006	DE-17-184	1	98	60	103	3.4	97	3.3	97	2	100	(98)	
DE-17-184-10-2006	DE-17-184	1	102	68	108	3.2	92	3.3	91	3	105	106*	
DE-17-184-11-2006	DE-17-184	1	95	51	98	3.4	99	3.4	100	3	110	87*	
DE-17-184-12-2006	DE-17-184	1	101	54	100	3.4	99	3.4	99	3	107	100*	
DE-17-184-14-2006-K	DE-17-184	1	105	28	84	3.5	103	3.5	101	3	99	113*	

Only one Varroa trait was recorded