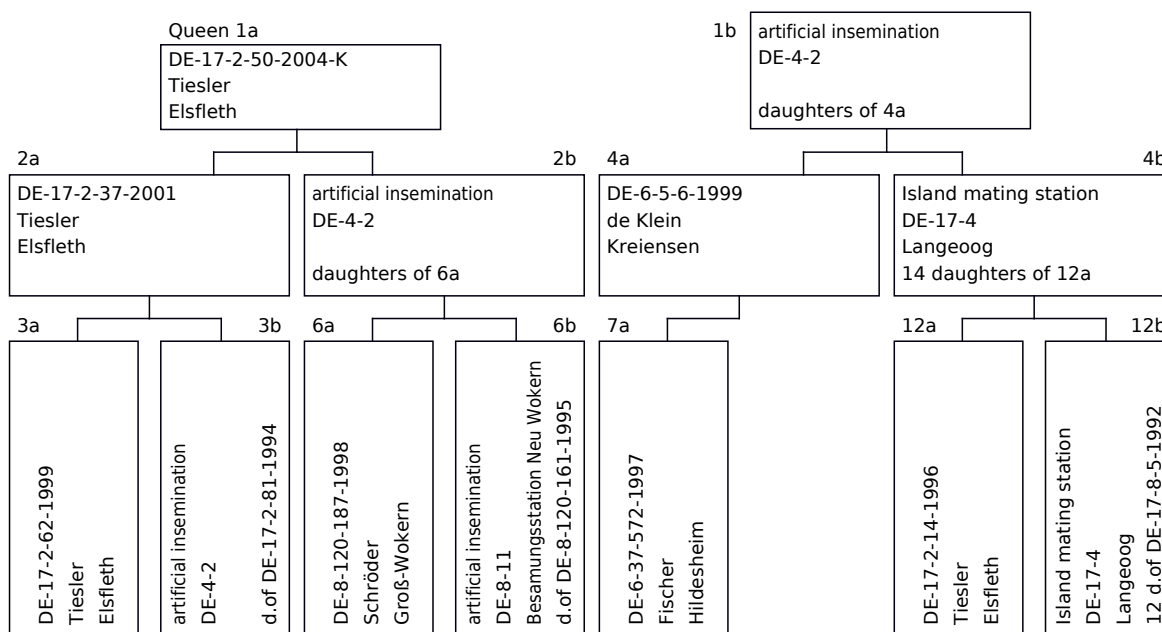


Tester of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2, Apiary 1  
 Breeder of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2  
**1a** Studbook number: **DE-17-2-50-2004-K**

Race line: -40 Sign: green Daughters of Queen: 0%  
 Generation: Hatch date: Workers: 2.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	30.1	82.4	43	57	36.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	97			
Honey yield	-	97			0.46
Defensive behavior	3.80	108			0.67
Steadiness on comb	3.80	109			0.69
Swarming drive	4	107			0.46
Varroa	-	86*			0.55
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring	2.50				
Colony strength					

<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-17-2-50-2004-K

## Page 2

### 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-17-2-38-2004	DE-17-2	1	110	35.1	98	3.7	Behavior	3.8	109	2	81	126*	
DE-17-2-45-2004	DE-17-2	1	113	15.4	89	3.8	106	3.8	inspection 102	2	77	136*	
DE-17-2-46-2004	DE-17-2	1	113	35.1	99	3.8	107	3.8	104	2	83	127*	
DE-17-2-47-2004	DE-17-2	1	103	24	93	3.8	106	3.8	105	2	85	(109)	
DE-17-2-48-2004	DE-17-2	1	107	41	101	3.7	99	3.7	97	2	81	123*	
DE-17-2-50-2004-K	DE-17-2	1	97	30.1	97	3.8	108	3.8	109	4	107	86*	
DE-17-2-35-2004	DE-17-2	3	101	1	96	3.6	103	3.6	102	2	82	(108)	
DE-17-2-39-2004	DE-17-2	3	96	8.1	100	3.3	95	3.6	95	2	79	(105)	
DE-17-2-42-2004	DE-17-2	3	112	6.5	101	3.6	107	3.7	105	2	81	125*	

Only one Varroa trait was recorded