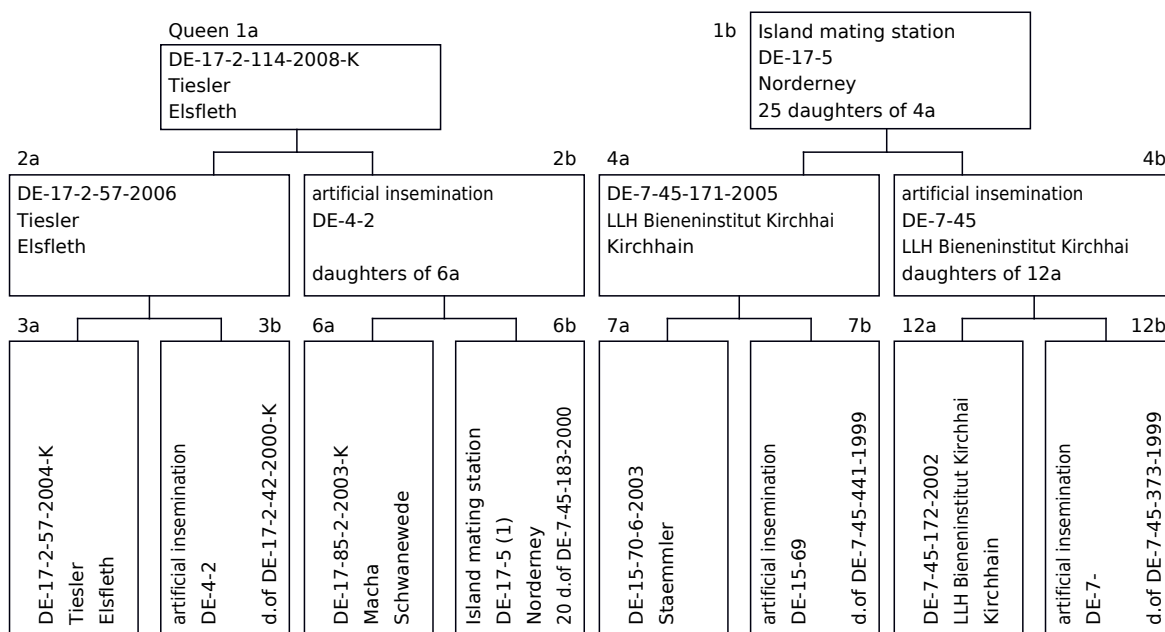


Tester of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2, Apiary 1  
 Breeder of the queen: Tiesler, Friedrich Karl, 26931 Elsfleth, DE-17-2  
**1a** Studbook number: **DE-17-2-114-2008-K**

Race line: -22 Sign: red 53 Daughters of Queen: 0.7%  
 Generation: 2 Hatch date: 4.6.2008 Workers: 0.1%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 91			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	42.1	102.8	19	40	40.9	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	113				
Honey yield	-	105				0.49
Defensive behavior	3.90	107				0.68
Steadiness on comb	3.80	106				0.7
Swarming drive	4	116				0.49
Varroa	-	112				0.58
Performance index	-	0				
Robustness in winter			70% 100% 170%			
Development in Spring	3					
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%.

### 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.

# Breeding selection report DE-17-2-114-2008-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 4

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-17-2-114-2008-K	DE-17-2	1	113	42.1	105	3.9	107	3.8	106	4	116	112	
DE-17-2-124-2008	DE-17-2	1	102	39.7	99	3.7	95	3.7	106	4	106	106	
DE-17-2-201-2008-K	DE-17-2	3	121	117.4	125	4	120	4	120	4	124	108	
DE-17-2-136-2008	DE-17-2	4	119	20	107	4	121	4	120	4	119	111*	

Only one Varroa trait was recorded