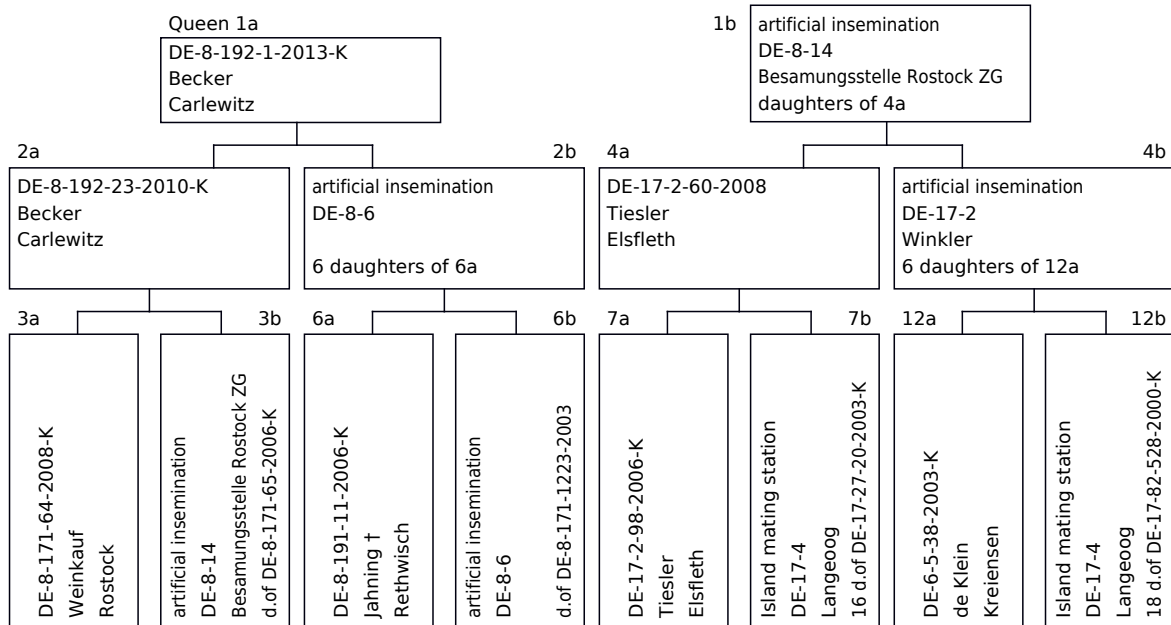


Tester of the queen: Becker, Ralf, 18337 Carlewitz, DE-8-192, Apiary 1  
 Breeder of the queen: Becker, Ralf, 18337 Carlewitz, DE-8-192  
**1a** Studbook number: **DE-8-192-1-2013-K**

Race line: -2  
 Generation: Sign: red 2 Hatch date: 1.6.2013

Daughters of Queen: 6.9%  
 Workers: 0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	56	106	1	11	52.8
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	106			
Honey yield	-	109			0.36
Defensive behavior	3.80	105			0.53
Steadiness on comb	3.70	104			0.56
Swarming drive	3.90	109			0.35
Varroa	-	(102)			0.23
Performance index	-	0			
Robustness in winter	3.60		70%	100%	170%
Development in Spring	4				
Colony strength	3.80				

<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 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-8-192-1-2013-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 8

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-8-192-1-2013-K	DE-8-192	1	106	56	109	3.8	105	3.7	104	3.9	109	(102)	
DE-8-192-3-2013-K	DE-8-192	1	107	54	107	3.8	108	3.8	108	3.9	110	(102)	
DE-8-192-4-2013	DE-8-192	1	106	55	108	3.8	104	3.7	104	3.9	109	(102)	
DE-8-192-6-2013	DE-8-192	1	101	51	100	3.8	101	3.6	100	3.7	101	(101)	
DE-8-192-9-2013	DE-8-192	1	91	52	99	3.5	86	3.5	86	3.8	96	(95)	
DE-8-192-12-2013	DE-8-192	1	104	55	107	3.8	101	3.6	101	3.9	108	(101)	
DE-8-192-14-2013	DE-8-192	1	100	54	104	3.7	97	3.6	97	3.9	105	(99)	
DE-8-192-16-2013	DE-8-192	1	100	51	101	3.7	100	3.7	99	3.9	105	(99)	