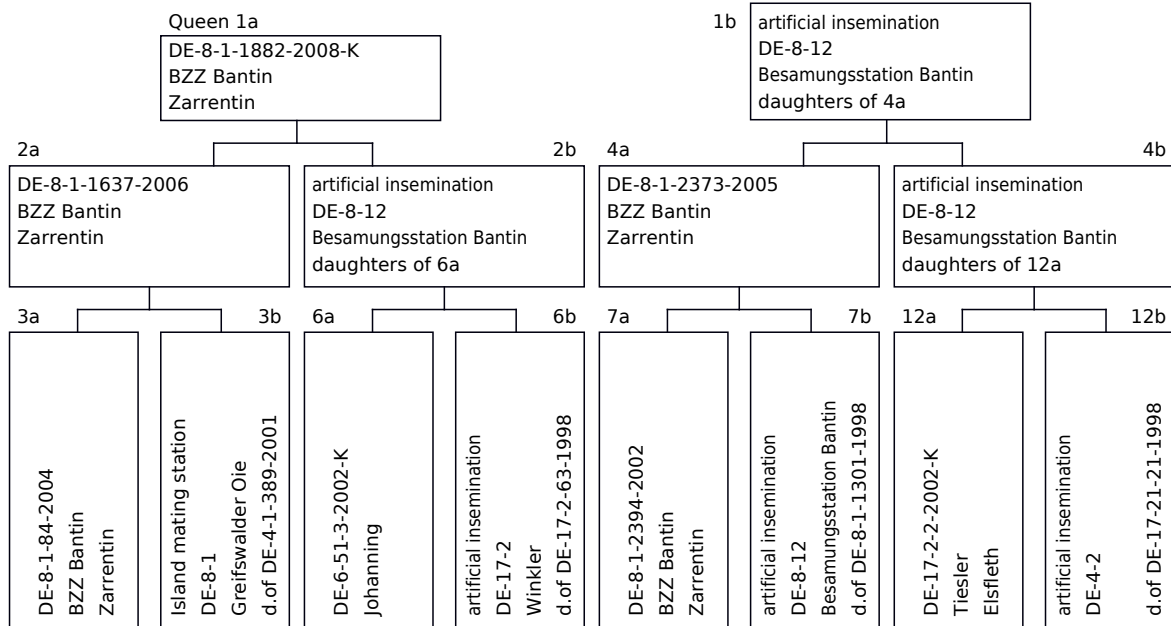


Tester of the queen: BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1, Apiary 1  
 Breeder of the queen: BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1  
**1a** Studbook number: **DE-8-1-1882-2008-K**

Race line: -24 Sign: red 34 Daughters of Queen: 0%  
 Generation: Hatch date: 8.6.2008 Workers: 0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 1			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	62	107.7	20	41	57.6	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	109	■			
Honey yield	-	103	■			0.42
Defensive behavior	4	114	■			0.63
Steadiness on comb	4	113	■			0.65
Swarming drive	4	113	■			0.41
Varroa	-	101	■			0.52
Performance index	-	0				
Robustness in winter	4					
Development in Spring	4					
Colony strength	3.50					

70%      100%      170%

<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-8-1-1882-2008-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 11

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-8-1-1882-2008-K	DE-8-1	1	109	62	103	4	114	4	113	4	113	101	
DE-8-1-1883-2008-K	DE-8-1	1	105	66	104	4	105	3.5	104	4	110	102	
DE-8-1-1884-2008-K	DE-8-1	1	96	64	100	3.5	95	3.5	94	4	104	94	
DE-8-1-1885-2008-K	DE-8-1	1	97	60	96	4	98	3	97	3	96	100	
DE-8-1-1886-2008-K	DE-8-1	1	103	70	109	4	115	4	116	3.5	112	86	
DE-8-1-1887-2008-K	DE-8-1	1	100	71	105	3.5	95	3.5	94	3.5	99	102	
DE-8-1-1852-2008-K	DE-8-1	2	91	34	96	4	108	4	111	4	112	73	
DE-8-1-1864-2008-K	DE-8-1	2	107	34	92	4	92	2.5	88	4	93	126	
DE-8-1-1866-2008-K	DE-8-1	2	97	37	99	4	109	4	110	4	110	84	
DE-8-1-1868-2008-K	DE-8-1	2	116	67	121	4	111	4	110	4	112	110	
DE-8-1-1872-2008-K	DE-8-1	2	99	47	106	4	109	4	111	4	113	83	