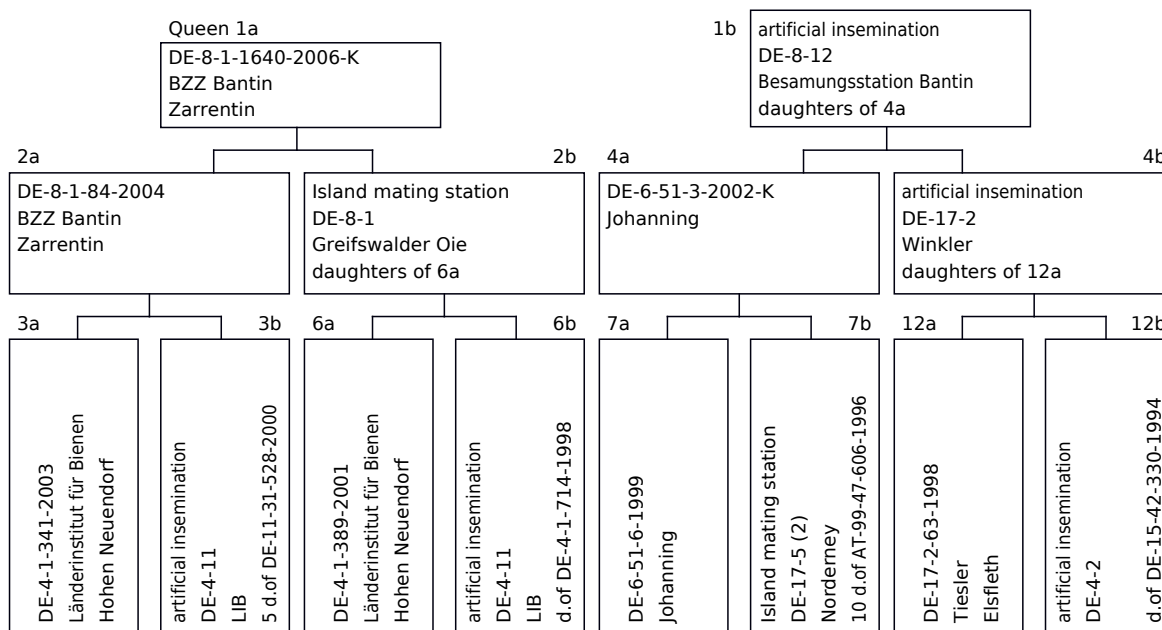


Tester of the queen: BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1, Apiary 1
 Breeder of the queen: BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1
1a Studbook number: **DE-8-1-1640-2006-K**

Race line: -22 Sign: white 4 Daughters of Queen: 10.8%
 Generation: Hatch date: 30.5.2006 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
	57.6	160.8	3	22	35.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	114			
Honey yield	-	114			0.48
Defensive behavior	3.90	118			0.65
Steadiness on comb	3.90	118			0.67
Swarming drive	3.90	117			0.47
Varroa	-	103			0.54
Performance index	-	0			
Robustness in winter	3.90		70%	100%	170%
Development in Spring	4				
Colony strength	4				

¹In 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

none Analysis of race characteristics

E. Results

Class B
Suitable for breeding.

Breeding selection report DE-8-1-1640-2006-K

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Performance of the sisters

Amount of checked sisters: 7

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-8-1-1635-2006	DE-8-1	1	92	38	102	3.7	87	3.8	121	3.6	125	71	
DE-8-1-1636-2006	DE-8-1	1	79	22	90	3	87	3.2	121	3.7	99	72	
DE-8-1-1637-2006	DE-8-1	1	98	51.8	111	3.9	118	3.9	121	3.9	125	68	
DE-8-1-1640-2006-K	DE-8-1	1	114	57.6	114	3.9	118	3.9	118	3.9	117	103	
DE-8-1-1641-2006-K	DE-8-1	1	124	74.5	122	4	120	3.8	119	3.9	120	115	
DE-8-1-1642-2006	DE-8-1	1	90	34	101	3.9	115	3.8	118	3.8	121	59	
DE-8-1-1644-2006	DE-8-1	1	91	7.6	88	3.8	110	3.8	111	3.8	112	75	