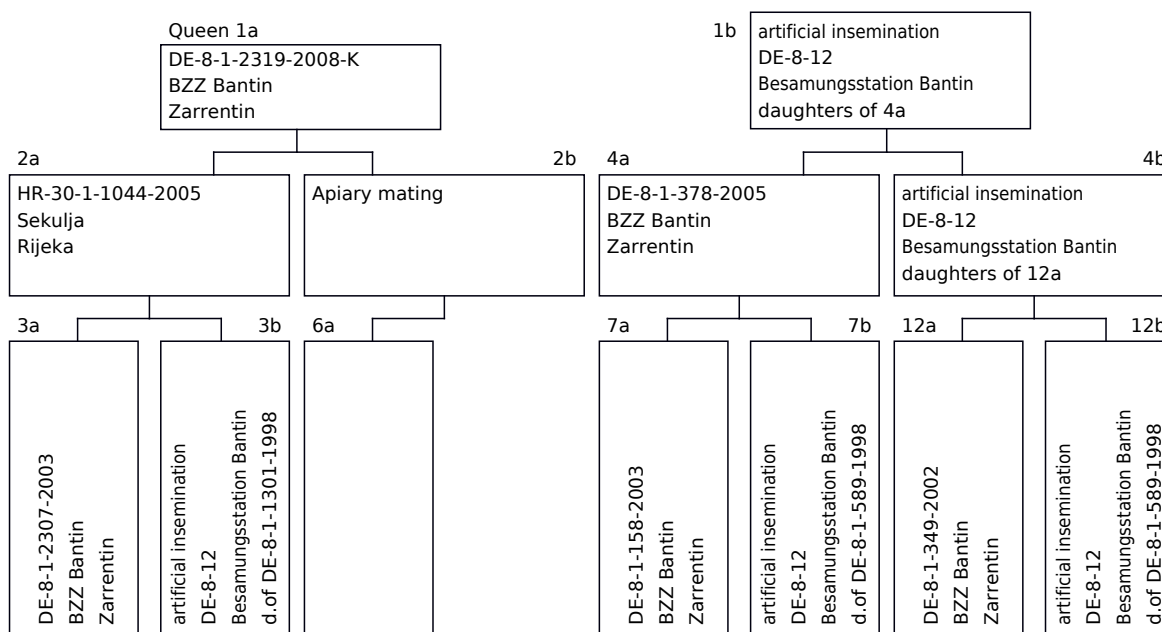


Tester of the queen: BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1, Apiary 1  
 Breeder of the queen: BZZ Bantin, Landesverband der Imker M-V, 19246 Zarrentin, DE-8-1  
**1a** Studbook number: **DE-8-1-2319-2008-K**

Race line: -23 Sign: red 78 Daughters of Queen: 0%  
 Generation: Hatch date: 9.6.2008 Workers: 1.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 1			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	48	83.4	31	41	57.6	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	101				
Honey yield	-	91	■			0.43
Defensive behavior	4	112	■			0.63
Steadiness on comb	4	112	■			0.66
Swarming drive	4	111	■			0.42
Varroa	-	92	■			0.52
Performance index	-	0				
Robustness in winter	4		70%	100%	170%	
Development in Spring	4					
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 B**  
Suitable for breeding.

# Breeding selection report DE-8-1-2319-2008-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 12

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-8-1-2316-2008-K	DE-8-1	1	106	70	102	4	109	3.5	109	4	104	104	
DE-8-1-2317-2008-K	DE-8-1	1	103	61	100	4	113	4	113	4	114	91	
DE-8-1-2318-2008-K	DE-8-1	1	104	65	98	4	98	3	96	3.5	98	112	
DE-8-1-2319-2008-K	DE-8-1	1	101	48	91	4	112	4	112	4	111	92	
DE-8-1-2321-2008-K	DE-8-1	1	95	62	95	3.5	93	3.5	92	3.5	95	98	
DE-8-1-2322-2008-K	DE-8-1	1	113	65	104	4	114	4	112	4	111	111	
DE-8-1-2323-2008-K	DE-8-1	1	105	56	93	4	103	3.5	101	4	105	110	
DE-8-1-2324-2008	DE-8-1	1	104	63	99	4	104	3.5	103	4	108	102	
DE-8-1-2325-2008-K	DE-8-1	1	113	63	102	4	113	4	112	4	110	112	
DE-8-1-2326-2008-K	DE-8-1	1	102	64	100	3.5	103	4	102	3.5	98	103	
DE-8-1-2327-2008	DE-8-1	1	86	50	84	3.5	87	3	85	1.5	80	98	
DE-8-1-2328-2008	DE-8-1	1	100	45	86	4	112	4	111	1	90	101	