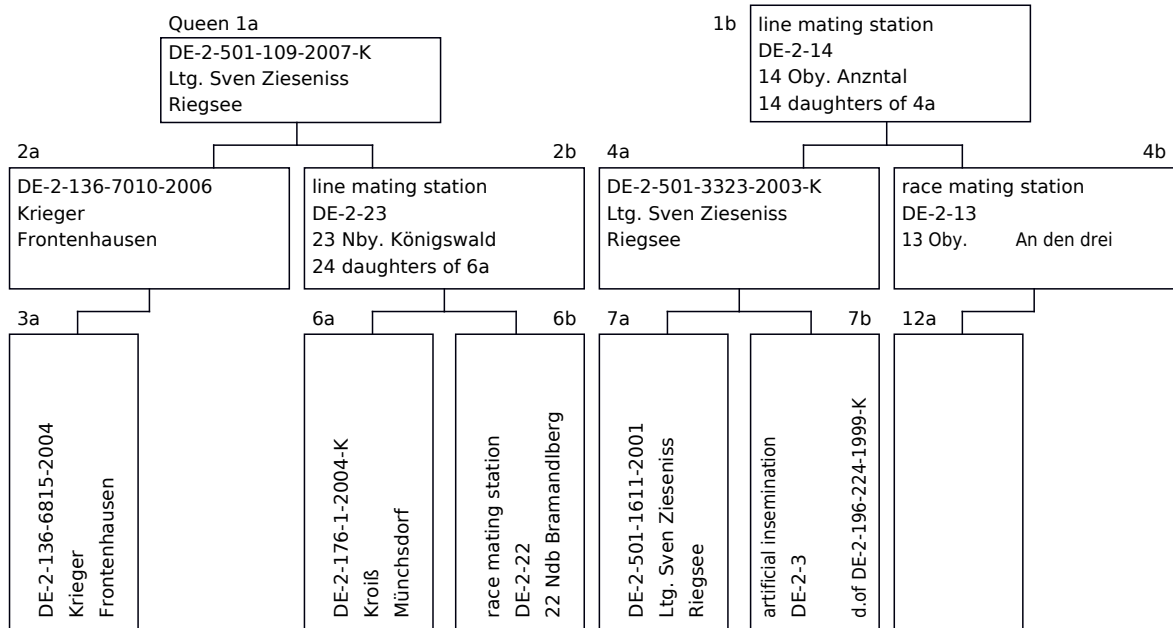


Tester of the queen: Ltg. Sven Zieseniss, Prüfhof Guglhör, 82418 Riegsee, DE-2-501, Apiary 1  
 Breeder of the queen: Ltg. Sven Zieseniss, Prüfhof Guglhör, 82418 Riegsee, DE-2-501  
**1a** Studbook number: **DE-2-501-109-2007-K**

Race line: -73 Sign: yellow 0 Daughters of Queen: 0%  
 Generation: 1 Hatch date: 21.6.2007 Workers: 0.1%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 1272			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	10.4	117.2	22	46	8.9	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	105	■			
Honey yield	-	104	■			0.46
Defensive behavior	3.40	107	■			0.67
Steadiness on comb	3.10	107	■			0.69
Swarming drive	4	109	■			0.44
Varroa	-	99	■			0.54
Performance index	-	0				
Robustness in winter			70%	100%	170%	
Development in Spring						
Colony strength						

<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-2-501-109-2007-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 6

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-2-501-106-2007-K	DE-2-501	1	92	14.7	106	3.3	109	3.2	109	4	109	72	
DE-2-501-108-2007-K	DE-2-501	1	109	0	97	3.6	115	3.2	115	3	100	107	
DE-2-501-109-2007-K	DE-2-501	1	105	10.4	104	3.4	107	3.1	107	4	109	99	
DE-2-501-110-2007-K	DE-2-501	1	88	9.9	101	3.2	100	3.1	103	4	112	70	
DE-2-501-111-2007-K	DE-2-501	1	90	13.8	101	3	91	2.8	92	3	92	90	
DE-2-501-112-2007-K	DE-2-501	1	85	0	94	3.1	94	2.9	96	4	105	75	