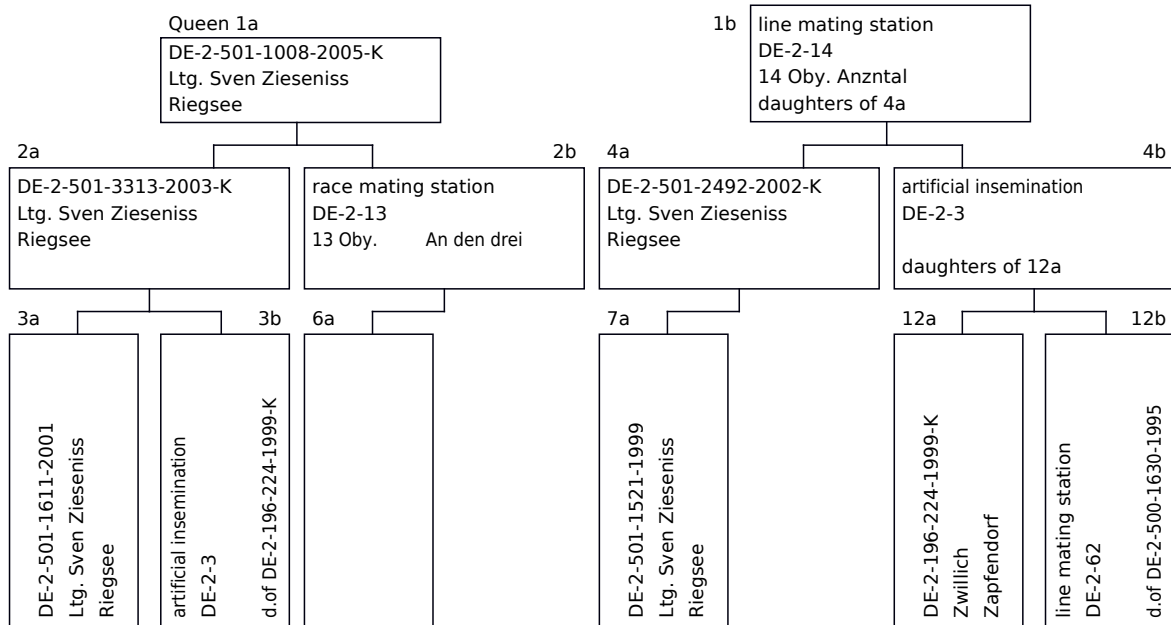


Tester of the queen: Ltg. Sven Zieseniss, Prüfhof Guglhör, 82418 Riegsee, DE-2-501, Apiary 1
 Breeder of the queen: Ltg. Sven Zieseniss, Prüfhof Guglhör, 82418 Riegsee, DE-2-501
1a Studbook number: **DE-2-501-1008-2005-K**

Race line: -3 Sign: blue Daughters of Queen: 2.5%
 Generation: Hatch date: Workers: 4.3%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	27.6	124.5	2	36	22.2	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	105	■			
Honey yield	-	108	■			0.47
Defensive behavior	3.20	97	■			0.67
Steadiness on comb	2.70	97	■			0.7
Swarming drive	4	108	■			0.47
Varroa	-	106	■			0.56
Performance index	-	0				
Robustness in winter			70%	100%	170%	
Development in Spring						
Colony strength						

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-2-501-1008-2005-K

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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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-2-501-1007-2005	DE-2-501	1	96	17.6	94	2.9	Behavior	2.8	97	4	120	98	
DE-2-501-1008-2005-K	DE-2-501	1	105	27.6	108	3.2	97	2.7	97	4	108	106	
DE-2-501-1009-2005-K	DE-2-501	1	99	25.5	107	3.4	105	3.1	107	4	120	84	
DE-2-501-1010-2005	DE-2-501	1	116	26.2	110	3.7	112	3.1	111	4	116	113	
DE-2-501-2002-2005-K	DE-2-502	2	104		108		107		108		110	96*	
DE-2-501-2015-2005	DE-2-502	2	94		104		92		93		103	91*	
DE-2-501-2028-2005	DE-2-502	2	101		105		99		99		106	98*	
DE-2-501-2054-2005	DE-2-502	2	87		92		93		94		90	87*	
DE-2-501-3501-2005	DE-2-503	3	95		101		103		105		109	83	
DE-2-501-3502-2005-K	DE-2-503	3	111		109		104		103		105	115	
DE-2-501-3504-2005	DE-2-503	3	94		104		103		106		111	79	
DE-2-501-3505-2005	DE-2-503	3	92		104		103		106		112	75	

Only one Varroa trait was recorded