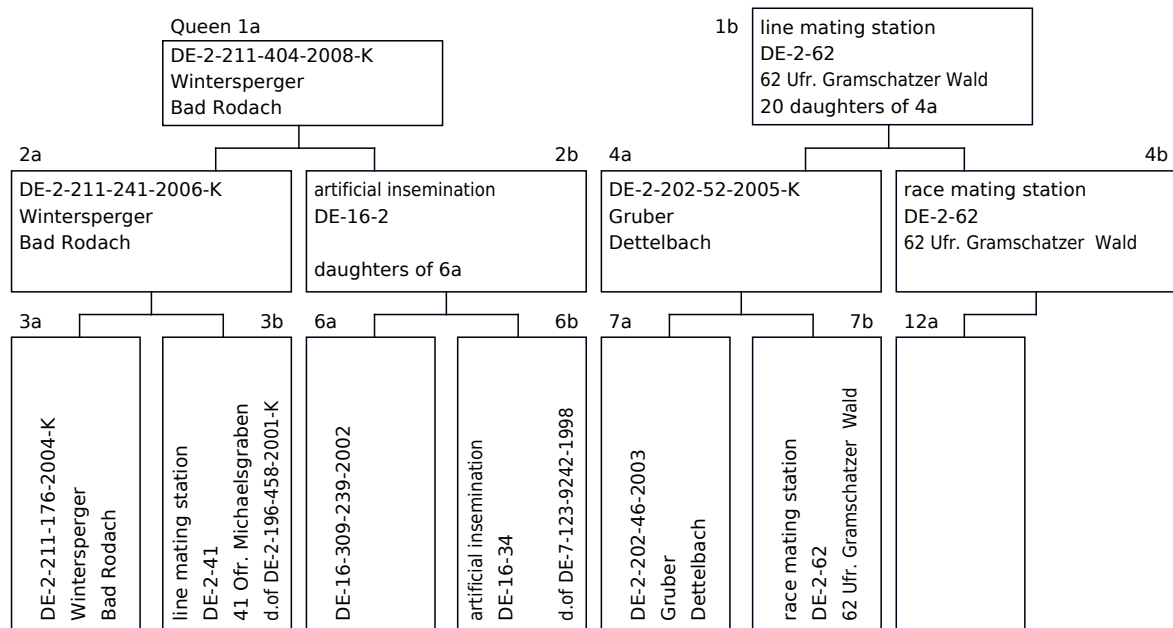


Tester of the queen: Wintersperger, Ruediger, 96476 Bad Rodach, DE-2-211, Apiary 2
Breeder of the queen: Wintersperger, Ruediger, 96476 Bad Rodach, DE-2-211
1a Studbook number: **DE-2-211-404-2008-K**

Race line: Sign: red rot Daughters of Queen: 0%
Generation: 3 Hatch date: 22.05.2008 Workers: 0.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	50	113.4	3	10	44.1
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	110			
Honey yield	-	112			0.42
Defensive behavior	3.90	111			0.6
Steadiness on comb	4	113			0.62
Swarming drive	3	93			0.4
Varroa	-	109*			0.26
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%.

Only one Varroa trait was recorded

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-2-211-404-2008-K

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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-2-211-401-2008	DE-2-211	1	90	26	94	3.3	115	3.3	117	4	109	93*	
DE-2-211-402-2008	DE-2-211	1	110	32	104	3.8	115	4	117	4	109	103*	
DE-2-211-403-2008	DE-2-211	2	108	50	113	3.9	112	4	114	4	110	98*	
DE-2-211-404-2008-K	DE-2-211	2	110	50	112	3.9	111	4	113	3	93	109*	
DE-2-211-405-2008-K	DE-2-211	2	105	48	107	3.7	105	4	107	4	103	101*	
DE-2-211-406-2008	DE-2-211	2	83	36	91	3.1	79	3.2	81	4	90	89*	

Only one Varroa trait was recorded