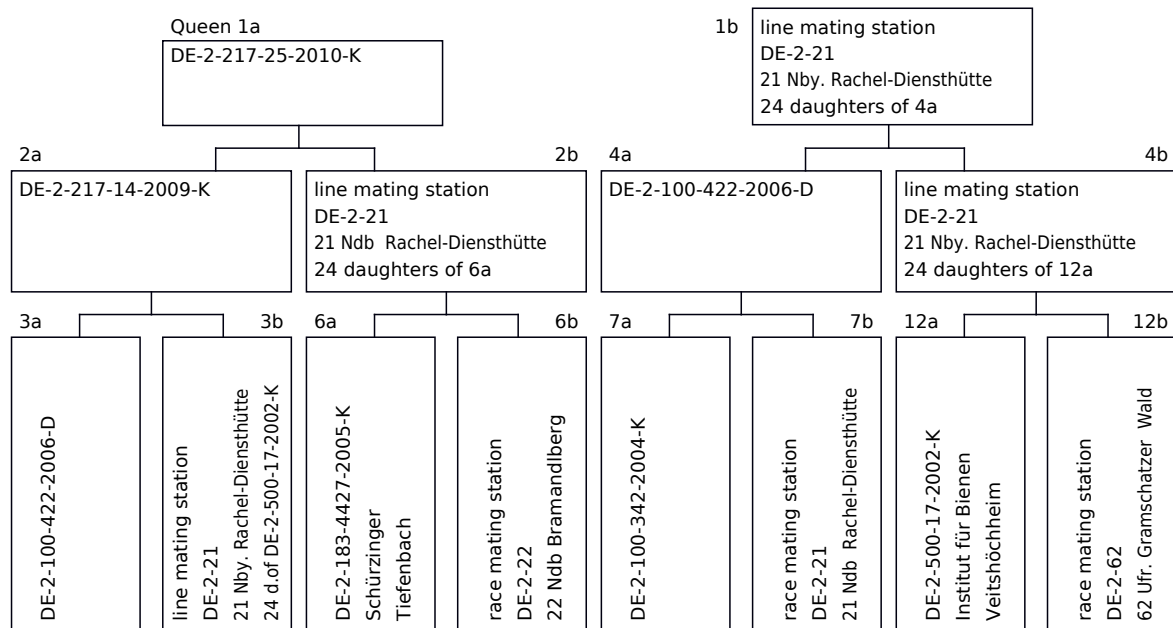


Tester of the queen: DE-2-217, Apiary 2  
Breeder of the queen: DE-2-217  
**1a** Studbook number: **DE-2-217-25-2010-K**

Race line: Sign: blue  
Generation: Hatch date:

Daughters of  
Queen: 0%  
Workers: 9.8%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	60	129	2	10	46.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	118			
Honey yield	-	116			0.29
Defensive behavior	3.40	123			0.48
Steadiness on comb	3.30	123			0.51
Swarming drive	4	112			0.29
Varroa	-	(106)			0.16
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-2-217-25-2010-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 20

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-2-217-7-2011	DE-2-217	1	105	5	102	3.6	Behavior	3.4	109	4	109	(100)	
DE-2-217-64-2011	DE-2-217	2	102	9	104	2.9	103	2.7	104	4	101	(99)	
DE-2-217-84-2011	DE-2-217	2	106	5	102	3.2	111	2.9	111	4	103	(101)	
DE-2-217-199-2011	DE-2-217	2	107	8	105	3.2	111	2.9	111	4	104	(102)	
DE-2-217-200-2011	DE-2-217	2	110	2	101	3.4	118	3.1	118	4	106	(103)	
DE-2-217-212-2011	DE-2-217	2	99	2	98	2.7	104	3	104	4	99	(97)	
DE-2-217-28-2011	DE-2-217	3	108	7	102	3.6	112	2.9	112	4	105	(103)	
DE-2-217-266-2011	DE-2-217	3	99	2	96	3.2	103	3	103	4	99	(98)	
DE-2-217-299-2011	DE-2-217	3	105	11	106	3.1	110	3.5	111	4	103	(99)	
DE-2-217-310-2011-K	DE-2-217	3	106	6	102	3.4	112	3.3	112	4	104	(101)	
DE-2-217-1-2010	DE-2-217	2	109	46	103	3.1	116	3.3	116	4	105	(101)	
DE-2-217-18-2010	DE-2-217	2	87	26	81	2.1	91	2	91	4	90	(92)	
DE-2-217-19-2010	DE-2-217	2	107	54	108	3	109	2.9	110	4	104	(101)	
DE-2-217-20-2010	DE-2-217	2	106	53	107	3	109	2.9	109	4	104	(101)	
DE-2-217-21-2010-K	DE-2-217	2	105	47	103	2.9	110	3.1	110	4	103	(100)	
DE-2-217-22-2010	DE-2-217	2	110	62	114	3.1	111	2.9	112	4	107	(103)	
DE-2-217-23-2010	DE-2-217	2	114	43	102	3.6	122	3	122	4	109	(106)	
DE-2-217-24-2010	DE-2-217	2	106	48	103	3.2	110	2.7	110	4	104	(102)	
DE-2-217-25-2010-K	DE-2-217	2	118	60	116	3.4	123	3.3	123	4	112	(106)	
DE-2-217-118-2010	DE-2-217	2	87	26	81	2.1	91	2	91	4	90	(92)	