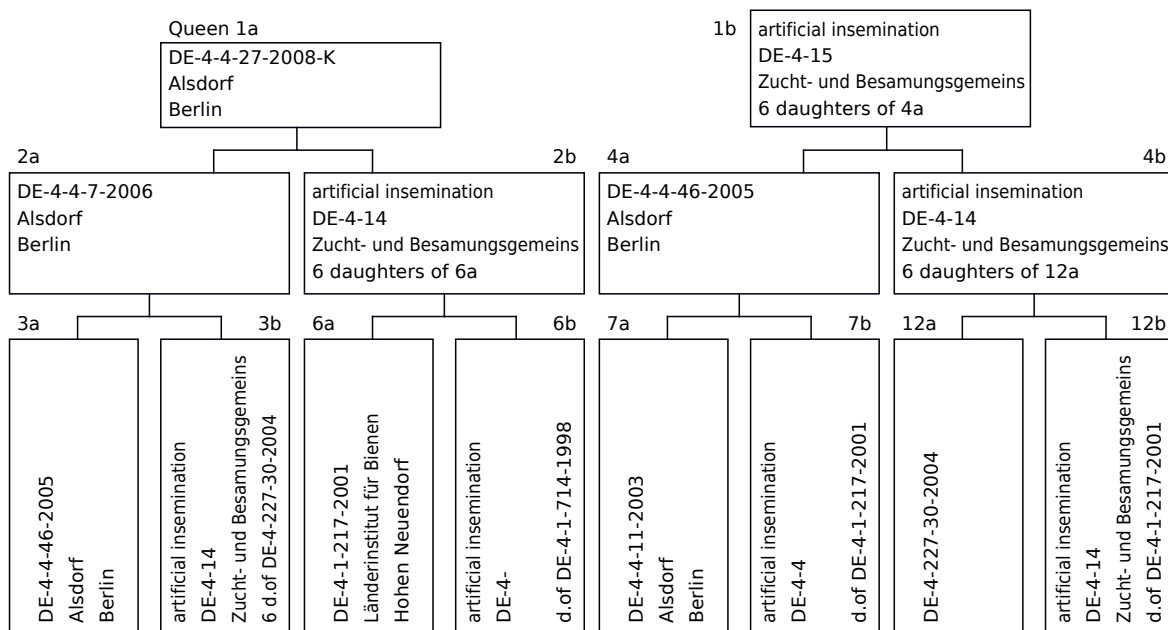


Tester of the queen: Alsdorf, Bernhard, Berlin, DE-4-4, Apiary 1  
 Breeder of the queen: Alsdorf, Bernhard, Berlin, DE-4-4  
**1a** Studbook number: **DE-4-4-27-2008-K**

Race line: Sign: red 47  
 Generation: Hatch date: 29.5.2008

Daughters of  
 Queen: 18%  
 Workers: 17.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	55.4	108.7	1	8	51.0
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	112			
Honey yield	-	118			0.34
Defensive behavior	4	117			0.5
Steadiness on comb	4	118			0.52
Swarming drive	4	123			0.32
Varroa	-	(94)			0.17
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

none Analysis of race characteristics

### 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-4-4-27-2008-K

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### Performance of the sisters

Amount of checked sisters: 8

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-4-4-22-2008	DE-4-4	1	103	48.2	107	3.8	110	4	110	4	110	(89)	
DE-4-4-23-2008	DE-4-4	1	110	54.6	116	4	117	4	117	3.8	119	(94)	
DE-4-4-24-2008	DE-4-4	1	105	50.9	110	4	112	3.8	112	3.5	110	(93)	
DE-4-4-25-2008	DE-4-4	1	105	50.2	109	4	112	3.8	112	3.8	115	(92)	
DE-4-4-26-2008	DE-4-4	1	86	50.7	103	3.5	87	3.2	88	3	93	(85)	
DE-4-4-27-2008-K	DE-4-4	1	112	55.4	118	4	117	4	118	4	123	(94)	
DE-4-4-32-2008	DE-4-4	1	93	48	104	3.5	97	3.8	98	3.8	106	(84)	
DE-4-4-35-2008	DE-4-4	1	101	49.7	108	3.8	105	3.8	106	4	116	(89)	