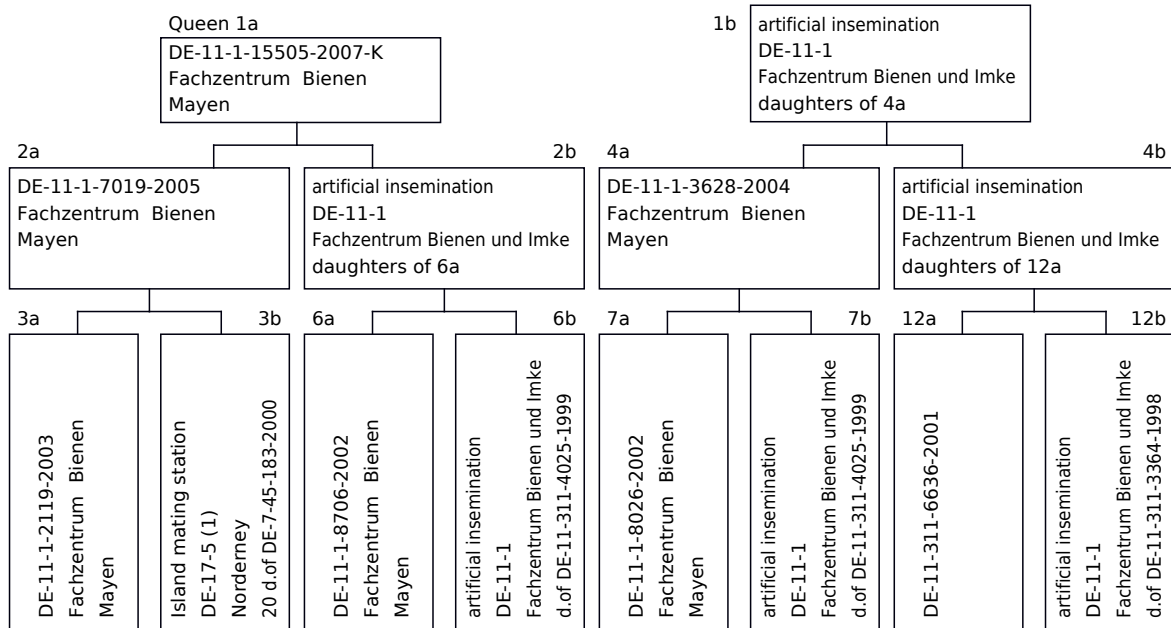


Tester of the queen: Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1, Apiary 11  
 Breeder of the queen: Fachzentrum Bienen, Mayen, 56727 Mayen, DE-11-1  
**1a** Studbook number: **DE-11-1-15505-2007-K**

Race line: Sign: yellow 29 Daughters of Queen: 2.8%  
 Generation: Hatch date: 5.6.2007 Workers: 4.1%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 295			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	15.5	74.1	8	14	20.9
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	107	■		
Honey yield	-	96	■		0.47
Defensive behavior	3.50	85	■		0.65
Steadiness on comb	3.20	82	■		0.67
Swarming drive	4	81	■		0.46
Varroa	-	134	■		0.55
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 B**  
 Suitable for breeding.

# Breeding selection report DE-11-1-15505-2007-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 3

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-11-1-15503-2007	DE-11-1	5	103	0.2	94	3.8	80	3.4	80	4	85	108	
DE-11-1-15505-2007-K	DE-11-1	11	107	15.5	96	3.5	85	3.2	82	4	81	134	
DE-11-1-5502-2007	DE-11-79	1	87		85		80		80		85	(102)	