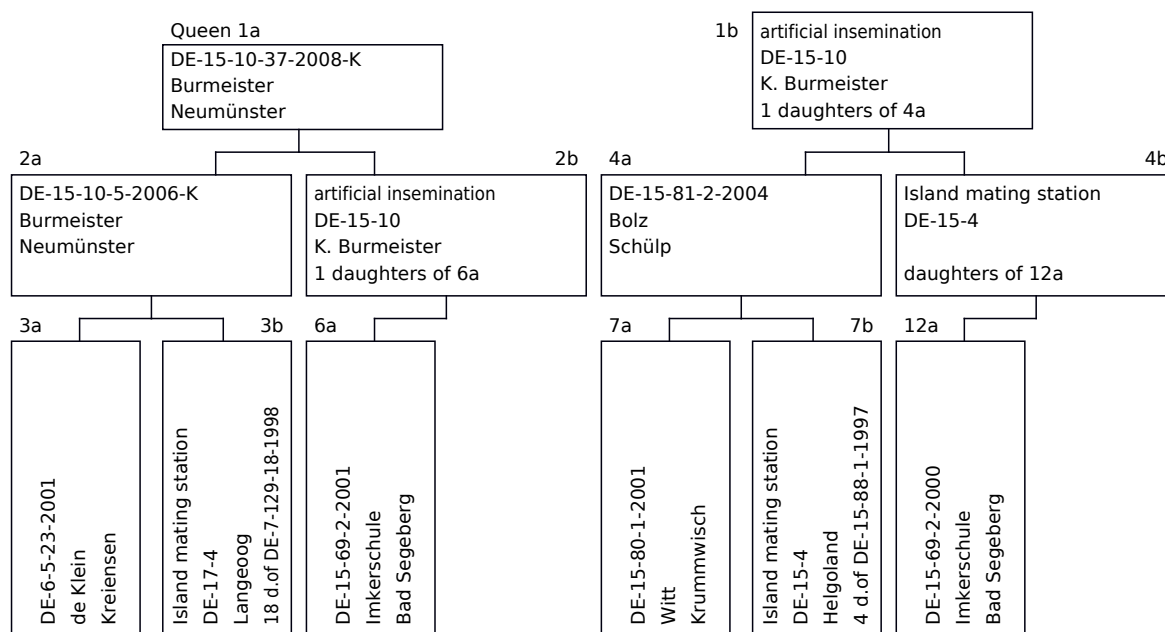


Tester of the queen: Burmeister, Klaus, 24536 Neumünster, DE-15-10, Apiary 1  
 Breeder of the queen: Burmeister, Klaus, 24536 Neumünster, DE-15-10  
**1a** Studbook number: **DE-15-10-37-2008-K**

Race line: -2 Sign: red 40 Daughters of Queen: 0%  
 Generation: 16 Hatch date: 11.06.2008 Workers: 0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 49			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	55	103.1	8	17	53.3
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	106			
Honey yield	-	104			0.34
Defensive behavior	3.90	107			0.53
Steadiness on comb	3.80	106			0.56
Swarming drive	3.80	109			0.34
Varroa	-	102			0.39
Performance index	-	0			
Robustness in winter	3.70		70%	100%	170%
Development in Spring	3.70				
Colony strength	3.80				

<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 J

# Breeding selection report DE-15-10-37-2008-K

## Page 2

### 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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-15-10-1-2008	DE-15-10	1	99	59.5	106	3.7	106	3.8	106	3.7	106	98*	
DE-15-10-2-2008	DE-15-10	1	93	43	91	3.7	95	3.8	95	3.7	95	96*	
DE-15-10-4-2008	DE-15-10	1	88	40	86	3.7	88	3.6	87	3.7	91	94*	
DE-15-10-6-2008-K	DE-15-10	1	107	59.5	108	3.9	107	3.8	107	3.7	105	104	
DE-15-10-7-2008	DE-15-10	1	107	61.5	110	3.8	105	3.9	106	3.7	104	105*	
DE-15-10-10-2008	DE-15-10	1	90	34	82	3.7	94	3.8	94	3.7	92	95*	
DE-15-10-11-2008-K	DE-15-10	1	113	73.5	121	3.9	108	3.8	108	3.8	114	106	
DE-15-10-20-2008	DE-15-10	1	96	49.5	95	3.8	93	3.6	93	3.7	96	101*	
DE-15-10-24-2008-K	DE-15-10	1	107	65.5	112	3.8	98	3.7	98	3.8	105	108	
DE-15-10-27-2008-K	DE-15-10	1	101	53	101	3.8	101	3.8	101	3.7	100	102	
DE-15-10-37-2008-K	DE-15-10	1	106	55	104	3.9	107	3.8	106	3.8	109	102	
DE-15-10-38-2008	DE-15-10	1	99	53.5	100	3.8	97	3.7	97	3.7	99	101*	

Only one Varroa trait was recorded