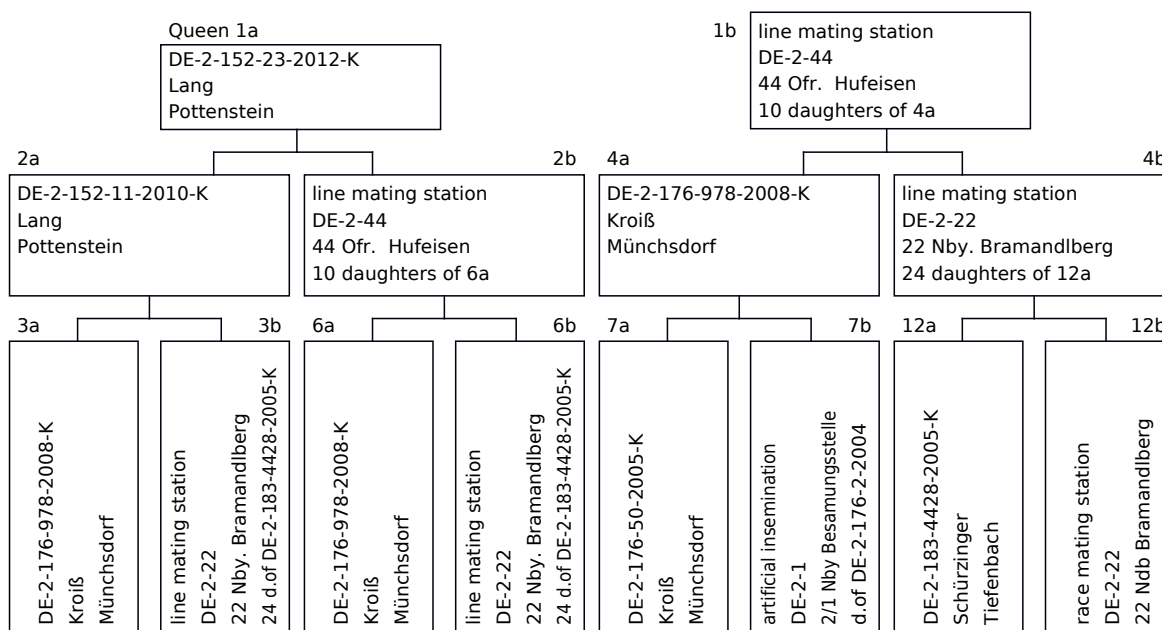


Tester of the queen: Lang, Bernhard, 91278 Pottenstein, DE-2-152, Apiary 1  
 Breeder of the queen: Lang, Bernhard, 91278 Pottenstein, DE-2-152  
**1a** Studbook number: **DE-2-152-23-2012-K**

Race line: Sign: yellow Daughters of Queen: 19.6%  
 Generation: Hatch date: Workers: 28.2%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 21			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	39	94.7	3	6	41.2	
	Assessment*	Breeding values				Reliability
<b>Total breeding value<sup>1</sup></b>	-	109				
Honey yield	-	104				0.28
Defensive behavior	4	104				0.42
Steadiness on comb	3	103				0.45
Swarming drive	4	105				0.29
Varroa	-	111*				0.36
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%.

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 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-2-152-23-2012-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 10

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-2-152-3-2012	DE-2-152	1	99	36	101	4	101	3	101	4	101	92*	
DE-2-152-5-2012	DE-2-152	1	101	39	102	4	104	3	104	3	92	102*	
DE-2-152-8-2012	DE-2-152	1	111	49	113	4	105	3	104	3	93	115*	
DE-2-152-14-2012	DE-2-152	1	116	49	117	4	121	4	122	3	100	109*	
DE-2-152-17-2012	DE-2-152	1	99	35	98	4	104	3	104	3	92	99*	
DE-2-152-23-2012-K	DE-2-152	1	109	39	104	4	104	3	103	4	105	111*	
DE-2-152-7-2011	DE-2-152	1	111	18	106	4	109	3	108	4	103	111*	
DE-2-152-14-2011	DE-2-152	1	101	16	104	3	104	4	105	4	99	98*	
DE-2-152-22-2011	DE-2-152	1	108	20	107	3	105	4	105	3	83	116*	
DE-2-152-41-2011	DE-2-152	1	104	19	107	4	109	3	110	4	108	94*	

Only one Varroa trait was recorded