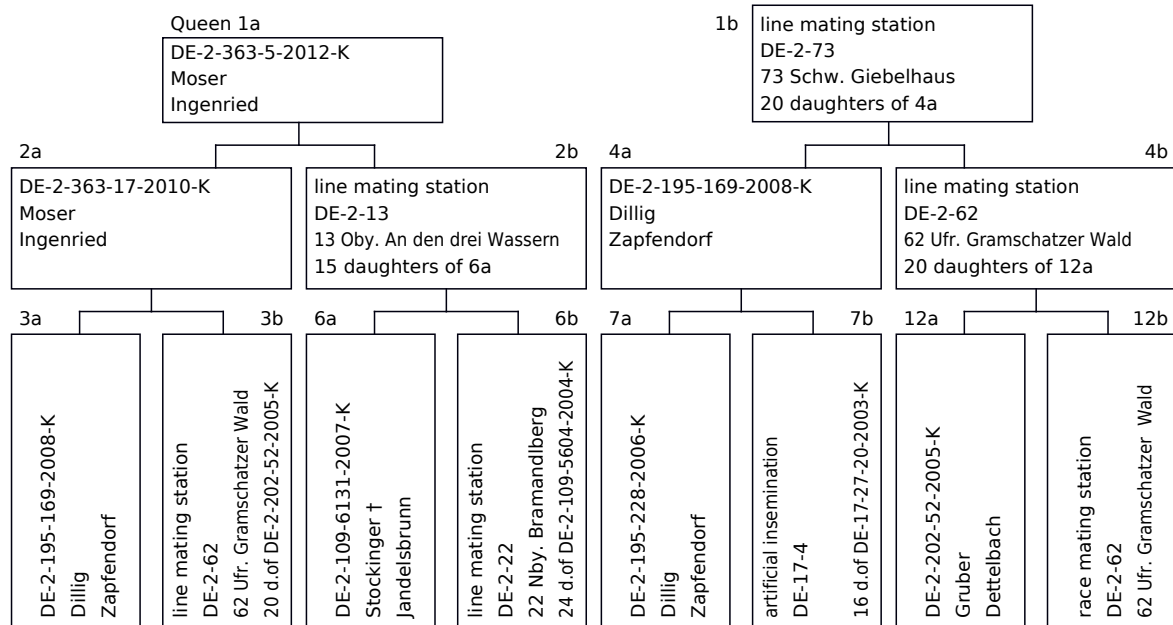


Tester of the queen: Hau, Renate, 97461 Hofheim, DE-2-240, Apiary 1  
 Breeder of the queen: Moser, Norbert, 86980 Ingenried, DE-2-363  
**1a** Studbook number: **DE-2-363-5-2012-K**

Race line: Sign: yellow 5  
 Generation: Hatch date: 10.06.2012

Daughters of Queen: 0%  
 Workers: 9.7%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	93	120	1	4	77.5
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	121			
Honey yield	-	123			0.33
Defensive behavior	3	121			0.5
Steadiness on comb	4	122			0.54
Swarming drive	4	125			0.35
Varroa	-	106			0.41
Performance index	-	0			
Robustness in winter	3		70%	100%	170%
Development in Spring	2				
Colony strength	3				

<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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

# Breeding selection report DE-2-363-5-2012-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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-2-363-5-2012-K	DE-2-240	1	121	93	123	3	121	4	122	4	125	106	
DE-2-363-13-2012	DE-2-240	1	102	63	91	3	103	3	102	3	94	107	
DE-2-363-30-2012	DE-2-240	1	98	68	95	3	104	3	104	3	98	96	
DE-2-363-47-2012	DE-2-240	1	108	86	111	3	106	3	105	3	101	107	
DE-2-363-38-2012-K	DE-2-363	1	112		105		115		115		109	(106)	
DE-2-363-39-2012	DE-2-363	1	108		111		107		107		107	(104)	
DE-2-363-42-2012	DE-2-363	1	111		109		112		112		108	(105)	
DE-2-363-43-2012	DE-2-363	1	96		98		96		96		90	(100)	
DE-2-363-44-2012	DE-2-363	1	110		100		114		114		107	(105)	
DE-2-363-45-2012	DE-2-363	1	111		103		115		114		108	(106)	
DE-2-363-49-2012	DE-2-363	1	107		109		105		105		106	(104)	
DE-2-363-50-2012	DE-2-363	1	105		106		104		104		104	(102)	