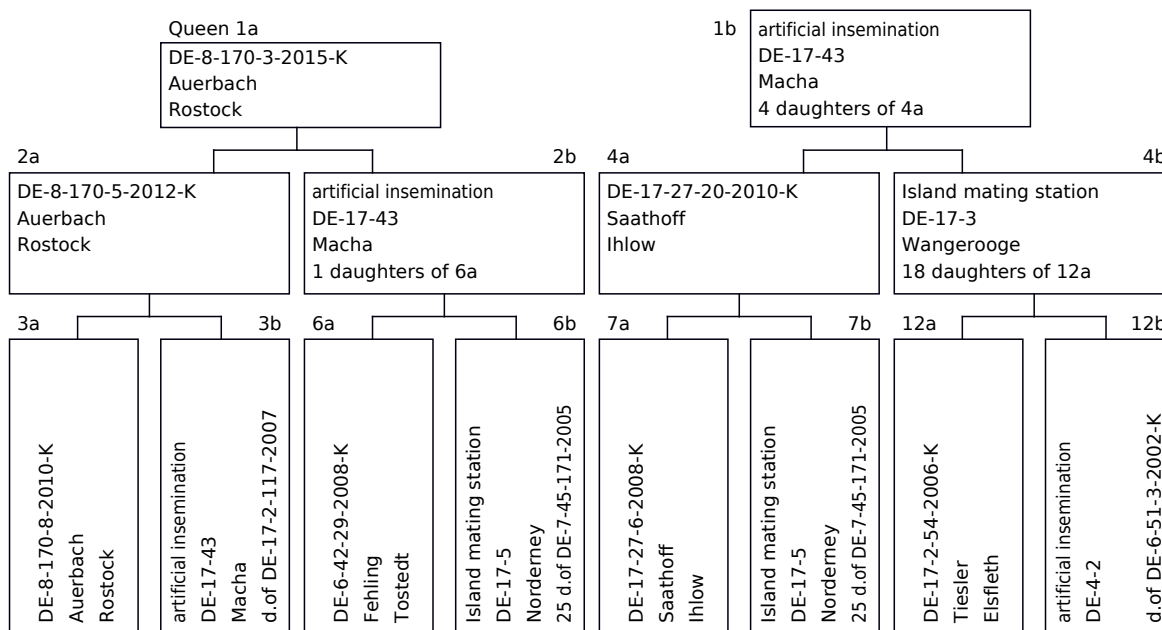


Tester of the queen: Auerbach, Resi, 18146 Rostock, DE-8-170, Apiary 1  
 Breeder of the queen: Auerbach, Resi, 18146 Rostock, DE-8-170  
**1a** Studbook number: **DE-8-170-3-2015-K**

Race line: -16 Sign: blue 74 Daughters of Queen: 0.4%  
 Generation: 5 Hatch date: 09.06.2015 Workers: 2.1%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 23A			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	73	105.2	3	8	69.4	
	Assessment*	Breeding values				Reliability
<b>Total breeding value<sup>1</sup></b>	-	109				
Honey yield	-	108				0.37
Defensive behavior	3.80	105				0.54
Steadiness on comb	4	109				0.55
Swarming drive	3.50	104				0.33
Varroa	-	106				0.27
Performance index	-	0				
Robustness in winter	4		70%	100%	170%	
Development in Spring	3.80					
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 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-8-170-3-2015-K

## Page 2

### 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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-8-170-3-2015-K	DE-8-170	1	109	73	108	3.8	105	4	109	3.5	104	106	
DE-8-170-5-2015	DE-8-170	1	111	86	123	4	105	3.8	105	3.8	113	100	
DE-8-170-6-2015	DE-8-170	1	100	69	103	3.8	98	3.6	98	3.5	102	99	
DE-8-170-7-2015	DE-8-170	1	95	56	87	3.6	93	3.6	95	3.4	97	103	
DE-8-170-8-2015	DE-8-170	1	103	73	108	3.8	101	3.8	103	3.6	106	97	
DE-8-170-9-2015	DE-8-170	1	103	61	93	4	113	4	115	3.6	106	94	
DE-8-170-11-2015	DE-8-170	1	100	68	102	4	108	3.8	108	3	91	97	
DE-8-170-15-2015	DE-8-170	1	100	69	103	3.8	102	3.8	104	3.8	110	92	