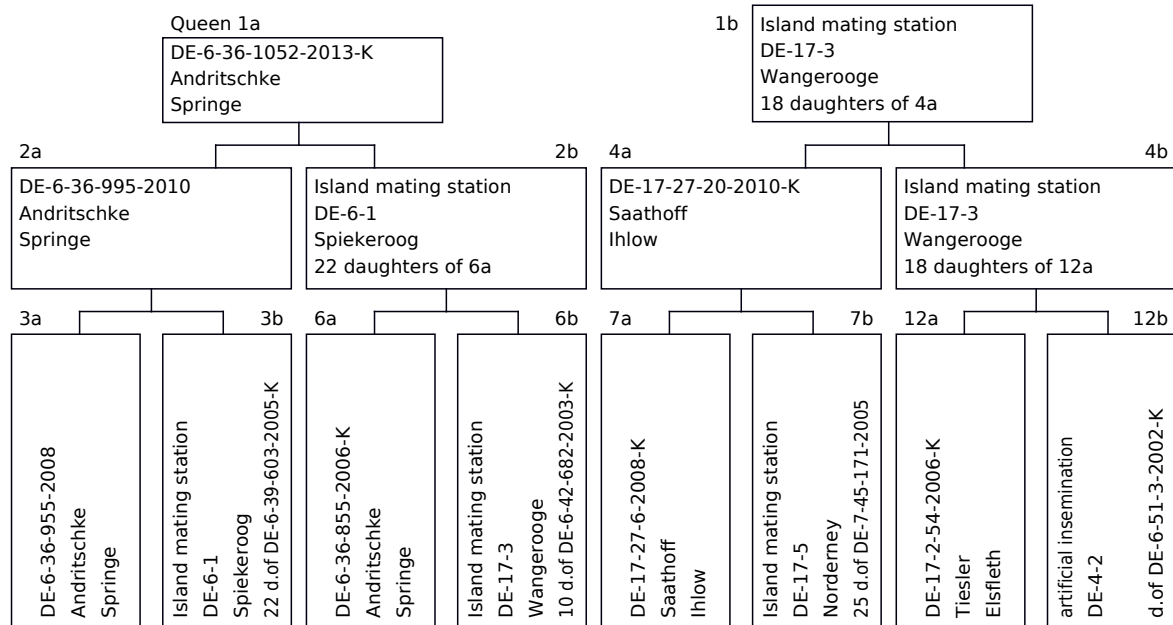


Tester of the queen: Andritschke, Reinhard, 31832 Springe, DE-6-36, Apiary 3  
 Breeder of the queen: Andritschke, Reinhard, 31832 Springe, DE-6-36  
**1a** Studbook number: **DE-6-36-1052-2013-K**

Race line: -21 Sign: red Daughters of Queen: 5.7%  
 Generation: Hatch date: Workers: 0.8%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Volk 33			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	56	113.4	2	19	49.4
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	112			
Honey yield	-	109			0.43
Defensive behavior	3.90	105			0.61
Steadiness on comb	3.80	104			0.64
Swarming drive	4	107			0.43
Varroa	-	113*			0.52
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring	4				
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

See attached characteristic documents:

### 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-6-36-1052-2013-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 6

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-6-36-1049-2013	DE-6-36	3	100	48	97	3.8	104	3.7	88	4	95	103*	
DE-6-36-1050-2013	DE-6-36	3	106	50	102	3.9	105	3.8	104	4	106	106*	
DE-6-36-1051-2013	DE-6-36	3	93	43	89	3.7	89	3.6	88	4	95	102*	
DE-6-36-1052-2013-K	DE-6-36	3	112	56	109	3.9	105	3.8	104	4	107	113*	
DE-6-36-1053-2013	DE-6-36	3	92	45	92	3.6	89	3.7	89	4	96	97*	
DE-6-36-1054-2013	DE-6-36	3	93	39	85	3.7	91	3.7	90	4	95	102*	

Only one Varroa trait was recorded