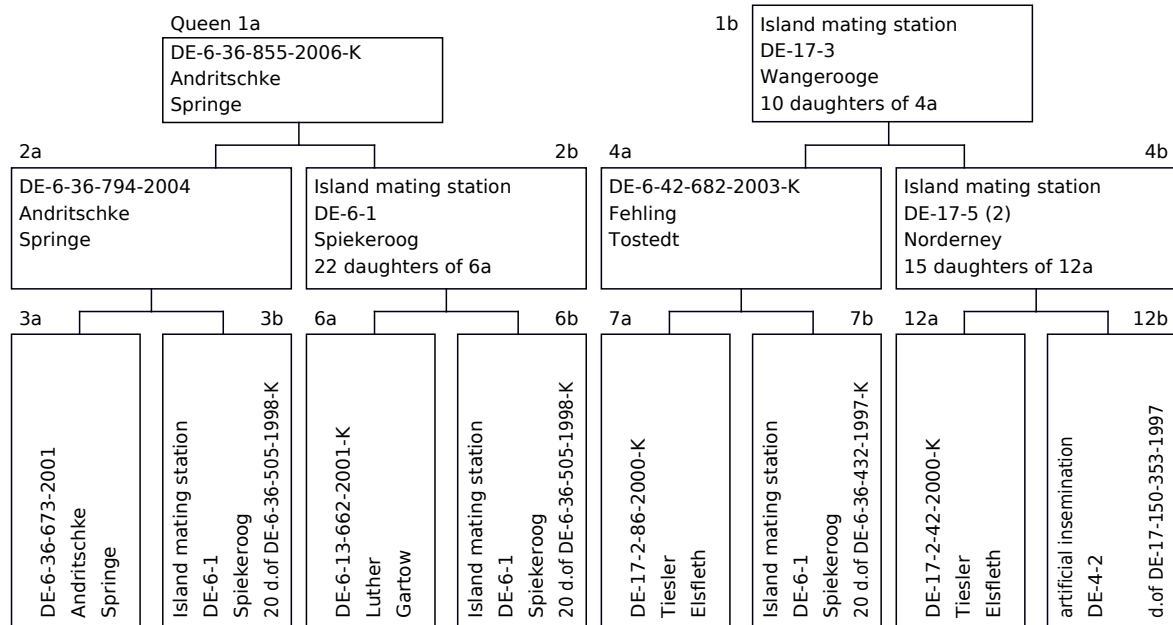


Tester of the queen: Andritschke, Reinhard, 31832 Springe, DE-6-36, Apiary 4
 Breeder of the queen: Andritschke, Reinhard, 31832 Springe, DE-6-36
1a Studbook number: **DE-6-36-855-2006-K**

Race line: -21 Sign: white Daughters of Queen: 13.7%
 Generation: Hatch date: 12.07.2006 Workers: 1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 5			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	39	101.3	3	6	38.5
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	105			
Honey yield	-	97			0.5
Defensive behavior	3.70	99			0.62
Steadiness on comb	3.50	98			0.65
Swarming drive	4	103			0.5
Varroa	-	111*			0.55
Performance index	-	0			
Robustness in winter			70% 100% 170%		
Development in Spring	4				
Colony strength					

¹In 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 J

Breeding selection report DE-6-36-855-2006-K

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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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-6-36-856-2006	DE-6-36	2	89	22	83	3.4	104	3.4	103	4	105	96*	
DE-6-36-859-2006	DE-6-36	2	107	34	98	3.7	104	3.7	103	4	107	109*	
DE-6-36-857-2006	DE-6-36	3	105	33	97	3.5	103	3.9	103	4	105	106*	
DE-6-36-858-2006	DE-6-36	3	102	18	81	3.6	97	3.6	94	4	96	117*	
DE-6-36-852-2006	DE-6-36	4	102	39	99	3.8	102	3.5	103	4	109	99*	
DE-6-36-853-2006	DE-6-36	4	100	35	94	3.8	104	3.6	105	4	109	95*	
DE-6-36-854-2006	DE-6-36	4	98	37	95	3.6	97	3.6	97	4	104	99*	
DE-6-36-855-2006-K	DE-6-36	4	105	39	97	3.7	99	3.5	98	4	103	111*	

Only one Varroa trait was recorded