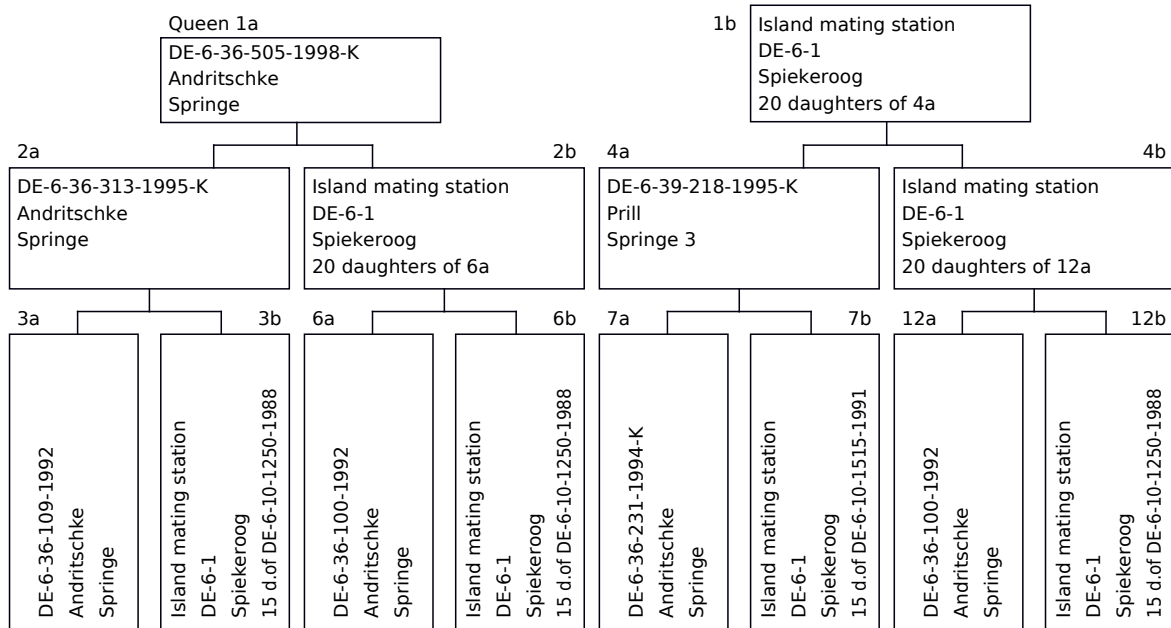


Tester of the queen: Andritschke, Reinhard, 31832 Springe, DE-6-36, Apiary 3
 Breeder of the queen: Andritschke, Reinhard, 31832 Springe, DE-6-36
1a Studbook number: **DE-6-36-505-1998-K**

Race line: -21 Sign: red Daughters of Queen: 12.5%
 Generation: Hatch date: Workers: 14.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	54	128.8	4	28	41.9
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	98			
Honey yield	-	101			0.54
Defensive behavior	3.60	106	■		0.71
Steadiness on comb	3.70	108	■		0.72
Swarming drive	4	113	■		0.54
Varroa	-	87*	■		0.59
Performance index	-	0			
Robustness in winter			70%	100%	170%
Development in Spring	3				
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

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-6-36-505-1998-K

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Performance of the sisters

Amount of checked sisters: 25

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-6-36-498-1998	DE-6-36	2	108	38	93	3.6	104	3.8	109	4	109	105*	
DE-6-36-499-1998	DE-6-36	2	102	32	86	3.5	104	3.7	105	4	106	104*	
DE-6-36-500-1998	DE-6-36	2	96	36	92	3.8	117	3.8	120	4	122	73*	
DE-6-39-426-1998	DE-6-36	2	98	34.5	86	3.2	95	3.6	94	4	101	105*	
DE-6-39-427-1998	DE-6-36	2	101	33.8	88	3.6	107	3.7	107	4	110	98*	
DE-6-39-428-1998	DE-6-36	2	107	45	100	3.7	114	3.8	115	4	118	95*	
DE-6-39-429-1998	DE-6-36	2	97	40.5	92	3.3	95	3.5	95	4	105	101*	
DE-6-39-430-1998	DE-6-36	2	94	45.8	98	3.3	101	3.7	103	4	112	83*	
DE-6-36-495-1998	DE-6-36	3	94	44	94	3.6	104	3.6	105	4	114	83*	
DE-6-36-501-1998	DE-6-36	3	97	46	97	3.7	111	3.7	113	4	119	79*	
DE-6-36-502-1998	DE-6-36	3	101	51	99	3.5	103	3.7	104	4	111	95*	
DE-6-36-503-1998	DE-6-36	3	103	49	99	3.8	113	3.6	114	4	120	88*	
DE-6-36-504-1998	DE-6-36	3	113	46	98	3.7	111	3.7	110	4	112	113*	
DE-6-36-505-1998-K	DE-6-36	3	98	54	101	3.6	106	3.7	108	4	113	87*	
DE-6-36-506-1998	DE-6-36	3	84	32	87	3.5	102	3.7	105	4	113	67*	
DE-6-36-507-1998	DE-6-36	3	95	28	85	3.5	102	3.7	102	4	107	92*	
DE-6-36-508-1998	DE-6-36	3	97	35	90	3.7	110	3.7	112	4	115	84*	
DE-6-36-509-1998	DE-6-36	3	107	46	99	3.7	114	3.8	115	4	116	97*	
DE-6-36-510-1998	DE-6-36	3	88	38	93	3.7	114	3.8	118	4	123	59*	
DE-6-36-512-1998	DE-6-36	3	98	42	93	3.5	103	3.7	103	4	110	94*	
DE-6-39-417-1998	DE-6-36	3	108	48	101	3.8	119	3.8	121	4	121	92*	
DE-6-39-418-1998	DE-6-36	3	97	31.5	88	3.7	110	3.7	111	4	114	86*	
DE-6-39-421-1998	DE-6-36	3	96	64.5	105	3.5	94	3.3	95	4	111	(91)	
DE-6-39-422-1998	DE-6-36	3	101	58.5	103	3.6	102	3.5	103	4	114	(93)	
DE-6-39-425-1998	DE-6-36	3	97	19.5	79	3.5	101	3.7	101	4	103	100*	

Only one Varroa trait was recorded