

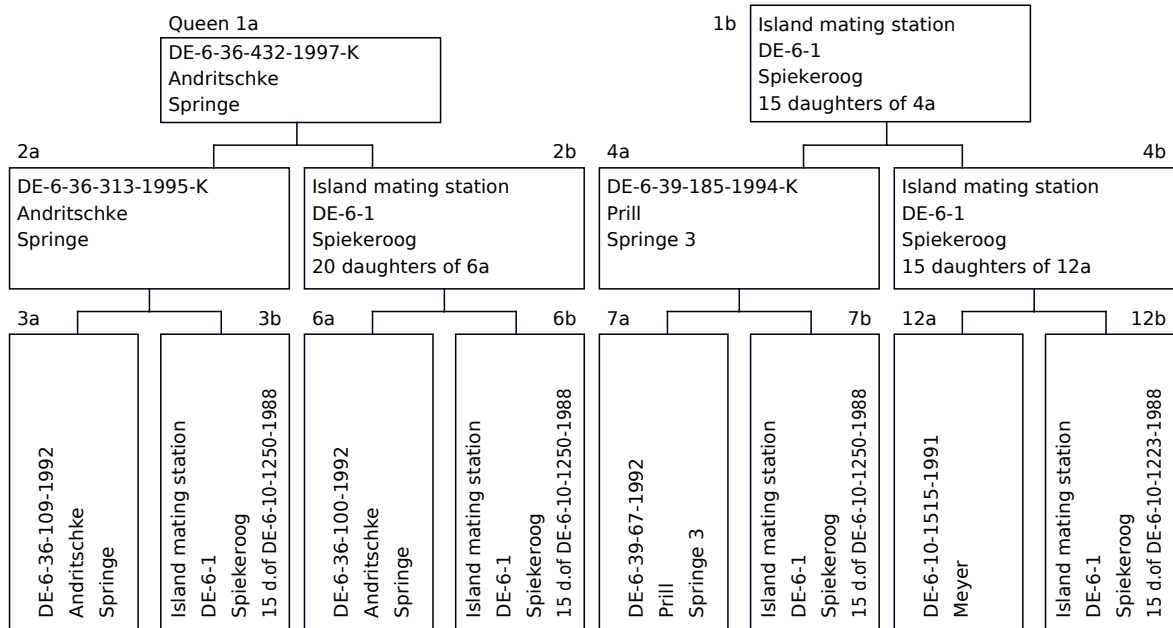
Tester of the queen: Prill, Aribert, 31832 Springe 3, DE-6-39, Apiary 2
Breeder of the queen: Andritschke, Reinhard, 31832 Springe, DE-6-36
1a Studbook number: **DE-6-36-432-1997-K**

Race line: -21
Generation:

Sign: yellow
Hatch date:

Daughters of
Queen: 12.5%
Workers: 8.5%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	52	156	1	33	33.3
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	114			
Honey yield	-	104			0.53
Defensive behavior	3.90	117			0.69
Steadiness on comb	3.50	116			0.71
Swarming drive	4	114			0.53
Varroa	-	108*			0.57
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

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-6-36-432-1997-K

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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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-6-36-433-1997	DE-6-36	2	118		97							116*	
DE-6-36-432-1997-K	DE-6-39	2	114	52	104	3.9	117	3.5	116	4	114	108*	
DE-6-36-434-1997	DE-6-39	2	102	31	90	3.7	111	3.7	111	4	109	97*	
DE-6-36-435-1997	DE-6-39	2	117	48	104	3.8	116	3.7	115	4	112	115*	
DE-6-36-436-1997	DE-6-39	2	111	41	99	3.7	114	3.8	114	4	111	107*	
DE-6-36-437-1997	DE-6-39	2	107	43	101	3.7	117	3.9	119	4	116	93*	
DE-6-36-438-1997	DE-6-39	2	112	24	88	4	122	3.7	121	4	113	107*	
DE-6-36-439-1997	DE-6-39	2	108	28	88	3.7	111	3.7	109	4	105	111*	
DE-6-36-440-1997	DE-6-39	2	102	28	87	3.6	107	3.7	107	4	105	102*	
DE-6-36-441-1997	DE-6-39	2	112	34	93	3.8	112	3.6	110	4	108	114*	
DE-6-36-442-1997	DE-6-39	2	105	29	88	3.7	108	3.6	107	4	105	107*	
DE-6-36-443-1997	DE-6-39	2	98	32	90	3.6	107	3.7	108	4	109	91*	

Only one Varroa trait was recorded