

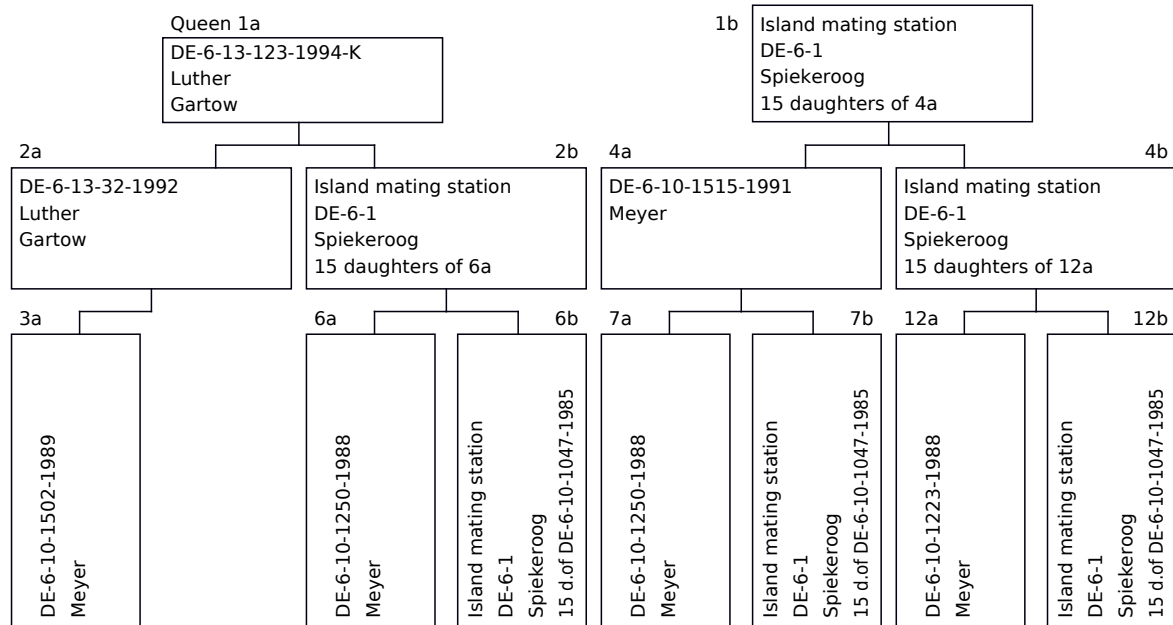
Tester of the queen: Luther, Friedrich, 29471 Gartow, DE-6-13, Apiary 1
 Breeder of the queen: Luther, Friedrich, 29471 Gartow, DE-6-13
1a Studbook number: **DE-6-13-123-1994-K**

Race line: -21
 Generation:

Sign: green
 Hatch date:

Daughters of
 Queen: 0.0%
 Workers: 8.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	63	134.6	1	11	46.8
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	88	[Bar chart showing values relative to 70%, 100%, 170%]		
Honey yield	-	75	[Bar chart]		0.61
Defensive behavior	4	101	[Bar chart]		0.7
Steadiness on comb	4	105	[Bar chart]		0.69
Swarming drive	4	104	[Bar chart]		0.64
Varroa	-	(79)	[Bar chart]		0.46
Performance index	-	95	[Bar chart]		0.61
Robustness in winter			70%	100%	170%
Development in Spring	4				
Colony strength	4				

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%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

none Analysis of race characteristics

E. Results

Class J

Breeding selection report DE-6-13-123-1994-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-6-13-116-1994	DE-6-13	1	83	34	61	4	100	4	100	4	100	(78)	89
DE-6-13-118-1994	DE-6-13	1	83	50	66	4	101	4	104	3	92	(78)	89
DE-6-13-121-1994	DE-6-13	1	82	39	62	3.8	100	3.8	103	4	94	(78)	88
DE-6-13-123-1994-K	DE-6-13	1	88	63	75	4	101	4	105	4	104	(79)	95
DE-6-13-110-1994	DE-6-13	2	79	67	65	3.1	91	3.3	94	3.8	90	(78)	82
DE-6-13-114-1994	DE-6-13	2	82	42	60	4	102	4	104	4	91	(78)	87
DE-6-13-120-1994	DE-6-13	2	82	58	63	4	100	4	103	4	93	(78)	88
DE-6-13-125-1994	DE-6-13	2	82	54	62	4	100	4	103	4	93	(78)	88
DE-6-13-111-1994	DE-6-17	1	82		64		99		101		94	(78)	87
DE-6-13-112-1994	DE-6-17	1	83		60		104		106		93	(78)	89
DE-6-13-113-1994	DE-6-17	1	83		66		101		104		96	(78)	90
DE-6-13-115-1994	DE-6-17	1	82		65		98		101		95	(78)	88