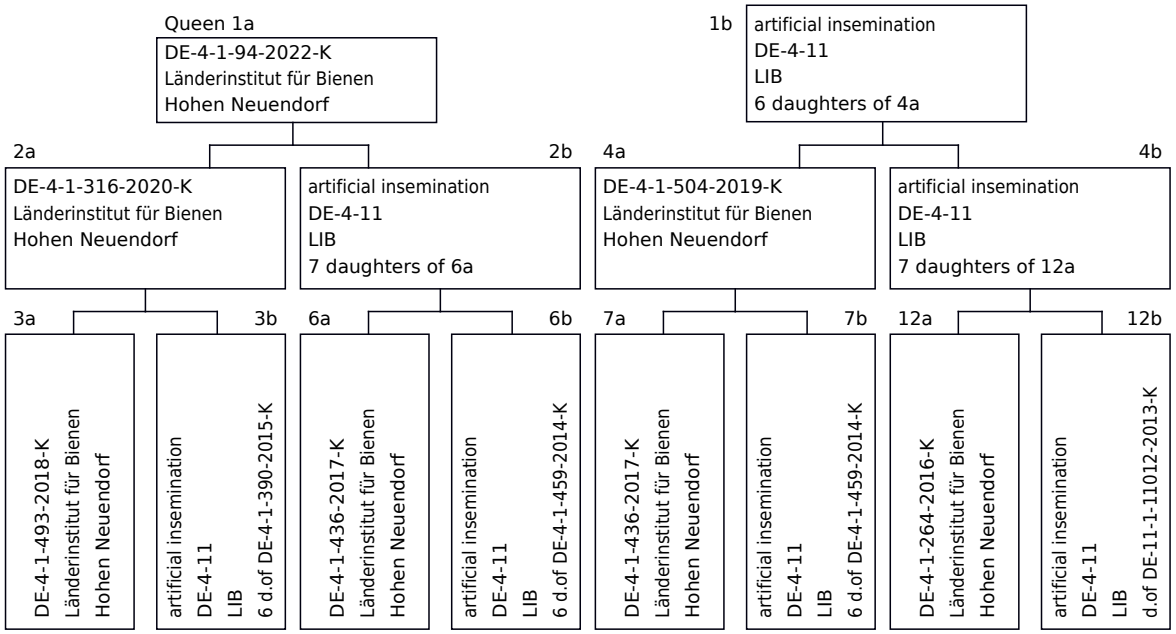
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-4-1-94-2022-K

Tester of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1, Apiary 2	
Breeder of the queen:	Länderinstitut für Bienenkunde, 16540 Hohen Neuendorf, DE-4-1	
1a Studbook number:	**DE-4-1-94-2022-K**	
		Daughters of
Race line: -33	Sign: yellow 94	Queen: 7.9%
Generation:	Hatch date: 06.06.2022	Workers: 13.7%

A. Pedigree



B. Own performance

	No. of the colony 452			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	48.6	104.1	15	28	46.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	100	0.52
Defensive behavior	3.50	95	0.62
Steadiness on comb	3.60	97	0.62
Swarming drive	4	121	0.58
Varroa	-	110	0.59
Performance index	-	103	0.52
Robustness in winter	3.50		
Development in Spring	3.60		
Colony strength	3.50		

70% 100% 170%

[1]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%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

See attached characteristic documents:

E. Results

Class B
Suitable for breeding.

20.05.2024

For the correctness DE-4

Breeding selection report DE-4-1-94-2022-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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-4-1-98-2022	DE-4-1	1	107	47.2	99	3.6	94	3.3	98	4	119	108	104
DE-4-1-102-2022-K	DE-4-1	1	104	55	100	3.5	93	2.8	93	4	118	105	101
DE-4-1-209-2022-K	DE-4-1	1	108	35.9	96	3.5	96	3.2	97	4	119	111	102
DE-4-1-210-2022-K	DE-4-1	1	106	36.5	97	3.3	95	3.4	98	4	119	106	103
DE-4-1-94-2022-K	DE-4-1	2	108	48.6	100	3.5	95	3.6	97	4	121	110	103
DE-4-1-101-2022-K	DE-4-1	2	107	63.3	102	3.6	92	3.1	92	3.7	118	110	101
DE-4-1-208-2022-K	DE-4-1	2	108	42.5	98	3.7	95	3.3	95	4	120	110	102
DE-4-1-211-2022	DE-4-1	2	106	24.5	94	3.7	97	3.6	98	3.9	120	106	103