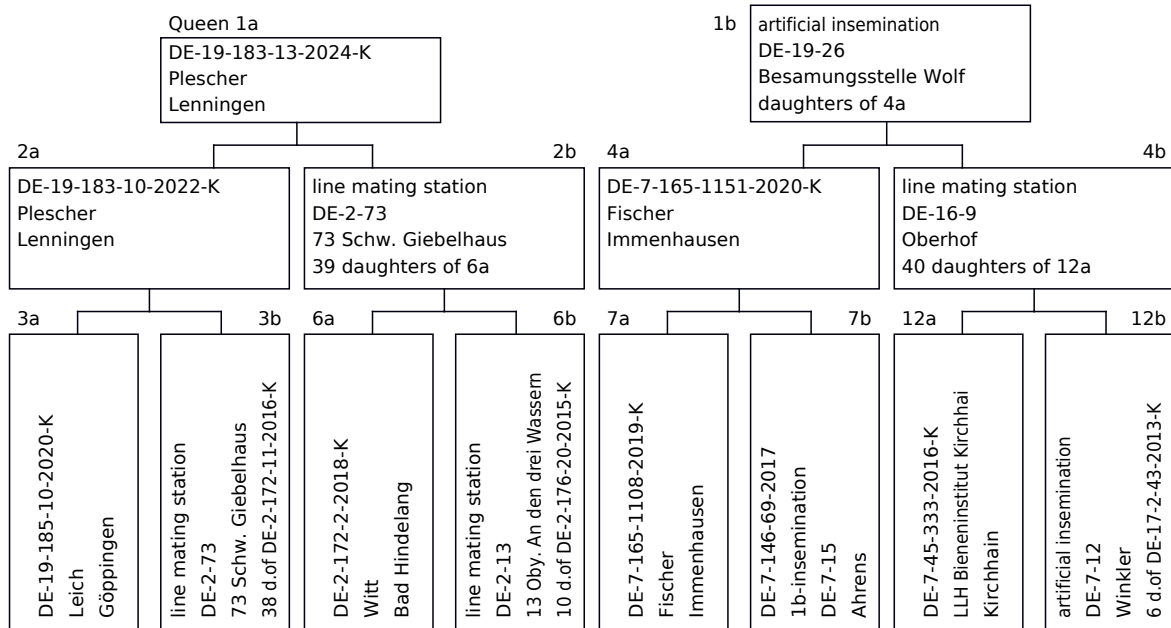


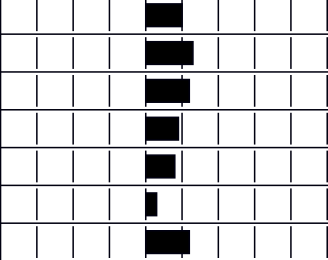
Tester of the queen: Plescher, Andreas und Petra, 73252 Lenningen, DE-19-183, Apiary 1
 Breeder of the queen: Plescher, Andreas und Petra, 73252 Lenningen, DE-19-183
1a Studbook number: **DE-19-183-13-2024-K**

Race line: Sign: green 44 Daughters of Queen: 6.1%
 Generation: 2 Hatch date: 02.06.2024 Workers: 0.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	44	108.1	2	7	40.7	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	110				
Honey yield	-	113			0.36	
Defensive behavior	3.80	112			0.45	
Steadiness on comb	3.50	109			0.45	
Swarming drive	3.80	108			0.38	
Varroa	-	103*			0.37	
Performance index	-	112			0.36	
Robustness in winter	3.70		70%	100%	170%	
Development in Spring	3.80					
Colony strength	3.70					

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 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-19-183-13-2024-K

Page 2

Performance of the sisters

Amount of checked sisters: 3

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-19-183-13-2024-K	DE-19-183	1	110	44	113	3.8	112	3.5	109	3.8	108	103*	112
DE-19-183-14-2024	DE-19-183	1	108	40	110	3.5	109	3.6	inspection 111	3.6	103	101*	110
DE-19-183-10-2024	DE-19-185	1	107		111		110		108		102	(101)	109

Only one Varroa trait was recorded