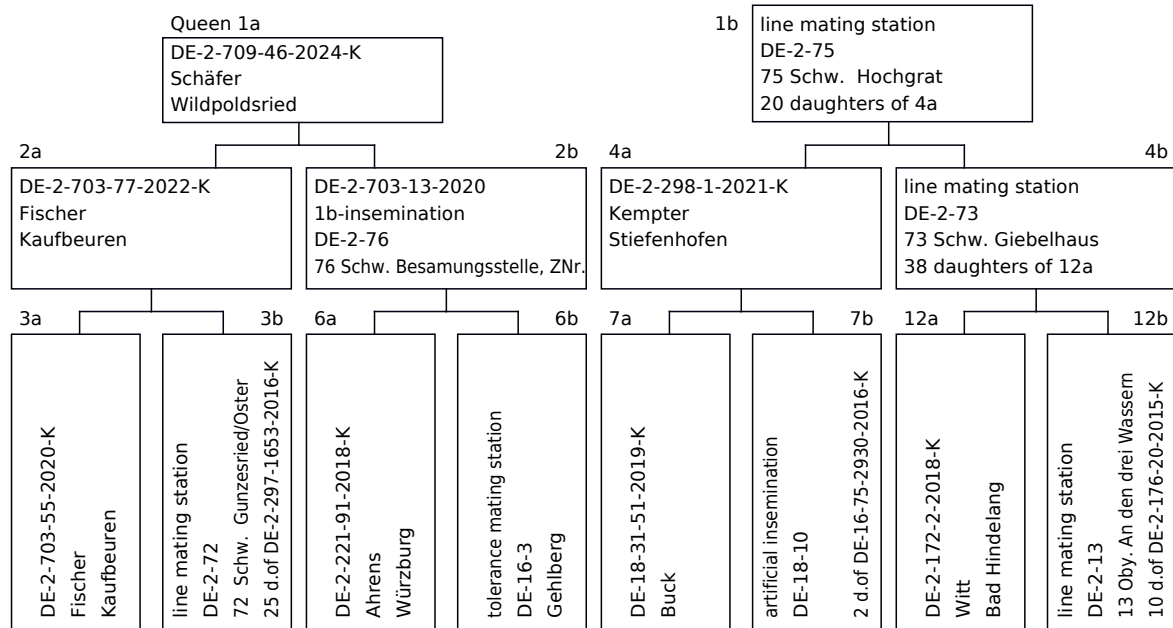


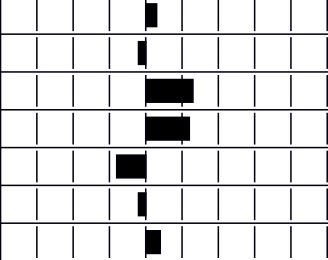
Tester of the queen: Schäfer, Michael, 87499 Wildpoldsried, DE-2-709, Apiary 50
 Breeder of the queen: Schäfer, Michael, 87499 Wildpoldsried, DE-2-709
1a Studbook number: **DE-2-709-46-2024-K**

Race line: -Ostertal Sign: green 46 Daughters of Queen: 0.3%
 Generation: 1 Hatch date: 03.06.2024 Workers: 2.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Traut 21			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	21.5	101.2	6	8	21.2	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	103				
Honey yield	-	98				0.38
Defensive behavior	3.50	113				0.48
Steadiness on comb	3	112				0.48
Swarming drive	4	92				0.35
Varroa	-	98				0.38
Performance index	-	104				0.38
Robustness in winter	3					
Development in Spring	4					
Colony strength	3					

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

See attached characteristic documents:

E. Results

Class B
Suitable for breeding.

Breeding selection report DE-2-709-46-2024-K

Page 2

Performance of the sisters

Amount of checked sisters: 7

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 ndex
DE-2-709-41-2024	DE-2-709	6	102	22.4	99	3.4	109	2.8	109	4	91	(100)	103
DE-2-709-50-2024	DE-2-709	6	103	10.7	98	3.4	112	2.9	111	4	91	(100)	103
DE-2-709-53-2024	DE-2-709	6	102	15.8	98	3	109	2.9	110	4	91	(100)	102
DE-2-709-43-2024	DE-2-709	50	103	4.2	93	3.4	114	3	113	4	86	103	102
DE-2-709-45-2024	DE-2-709	50	105	27	100	3.5	113	3	111	4	93	102	105
DE-2-709-46-2024-K	DE-2-709	50	103	21.5	98	3.5	113	3	112	4	92	98	104
DE-2-709-49-2024-D	DE-2-709	50	101	22.1	98	3.5	111	2.8	107	4	91	98	102