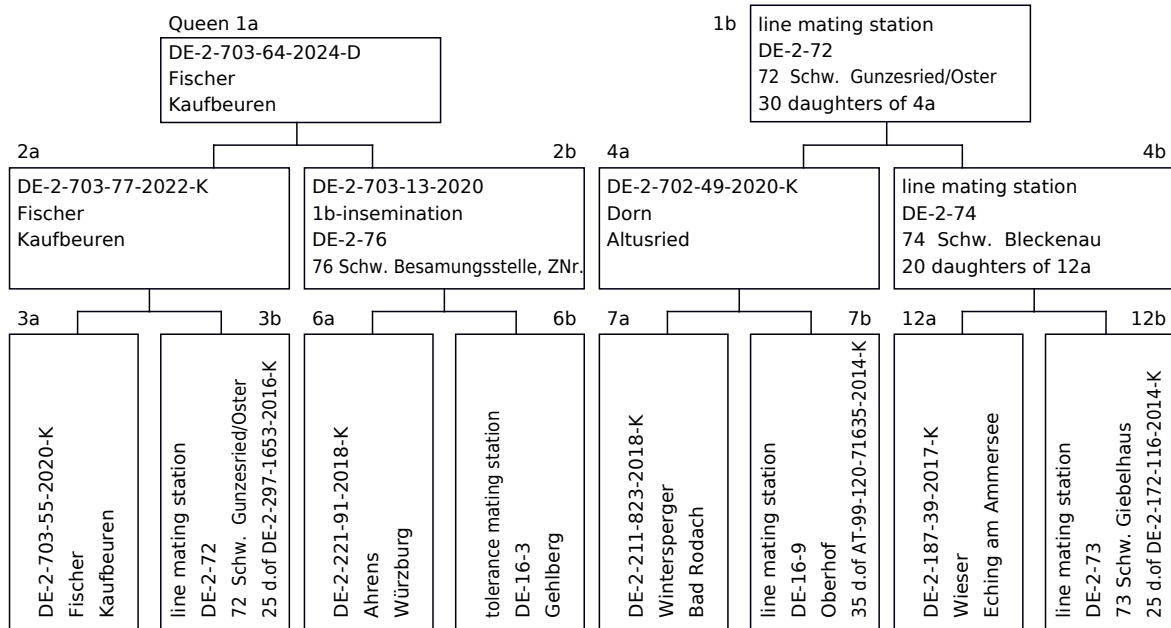


Tester of the queen: Schäfer, Michael, 87499 Wildpoldsried, DE-2-709, Apiary 50
 Breeder of the queen: Fischer, Johann, 87600 Kaufbeuren, DE-2-703
1a Studbook number: **DE-2-703-64-2024-D**

Race line: -Ostertal Sign: green 72 Daughters of Queen: 0.3%
 Generation: 1 Hatch date: 10.06.2024 Workers: 2.4%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Dickat 2			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	22.3	105	3	8	21.2	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	102	█			
Honey yield	-	106	█			0.39
Defensive behavior	3.20	104	█			0.5
Steadiness on comb	2.90	109	█			0.5
Swarming drive	4	102	█			0.37
Varroa	-	95	█			0.37
Performance index	-	106	█			0.4
Robustness in winter	3		70%	100%	170%	
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

none Analysis of race characteristics

E. Results

Class D

Suitable for use as a drone colony at mating stations.

Breeding selection report DE-2-703-64-2024-D

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Performance of the sisters

Amount of checked sisters: 28

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-2-297-2478-2024	DE-2-297	4	105		103		109		113		103	97	109
DE-2-297-2457-2024	DE-2-297	50	105		103		109		110		99	100	106
DE-2-699-3-2024	DE-2-699	1	106		106		109		113		103	(98)	109
DE-2-699-6-2024	DE-2-699	1	105		105		108		112		101	(98)	108
DE-2-699-8-2024	DE-2-699	1	106		107		110		114		104	(98)	110
DE-2-699-16-2024	DE-2-699	1	105		106		109		113		102	(98)	109
DE-2-699-5-2024	DE-2-699	50	105		106		108		112		103	(98)	109
DE-2-699-17-2024	DE-2-699	50	106		106		111		115		101	(98)	110
DE-2-699-18-2024	DE-2-699	50	105		107		108		112		104	(98)	109
DE-2-702-2-2024-K	DE-2-702	1	106		104		111		115		101	(98)	109
DE-2-702-3-2024	DE-2-702	1	105		103		109		114		100	(98)	108
DE-2-702-5-2024	DE-2-702	1	106		108		110		113		104	(98)	110
DE-2-702-15-2024	DE-2-702	1	106		107		109		115		104	(98)	110
DE-2-702-1-2024	DE-2-702	50	105		106		109		112		102	(98)	109
DE-2-702-21-2024	DE-2-702	50	105		102		111		114		99	(98)	108
DE-2-702-23-2024	DE-2-702	50	104		103		108		112		99	(98)	107
DE-2-702-25-2024	DE-2-702	50	106		107		110		115		103	(98)	110
DE-2-702-26-2024	DE-2-702	50	105		103		109		115		100	(98)	108
DE-2-703-59-2024-K	DE-2-709	50	107	21.8	106	3.4	111	3.1	116	4	103	99	111
DE-2-703-61-2024-D	DE-2-709	50	104	19.9	105	3.3	107	3	113	4	102	97	108
DE-2-703-64-2024-D	DE-2-709	50	102	22.3	106	3.2	104	2.9	109	4	102	95	106
DE-2-709-51-2024	DE-2-709	50	107	31.1	109	3.3	106	3	111	4	106	100	109
DE-2-712-3-2024-K	DE-2-712	1	106		105		108		115		103	(98)	110
DE-2-717-56-2024	DE-2-717	1	108		106		114		118		104	(98)	112
DE-2-702-13-2024	DE-2-717	50	105		106		108		112		104	(98)	109
DE-2-702-24-2024	DE-2-717	50	104		105		108		112		98	(98)	107
DE-2-717-41-2024	DE-2-717	50	107		106		112		116		104	(98)	111
DE-2-717-43-2024	DE-2-717	50	106		107		108		112		104	(98)	109