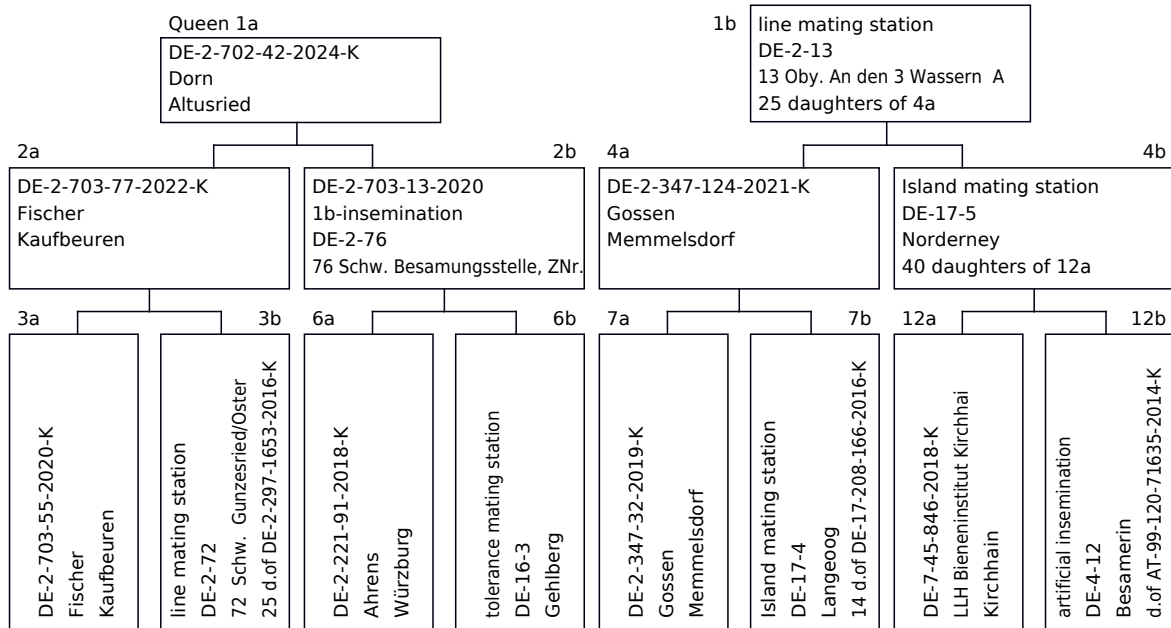


Tester of the queen: Dorn, Josef, 87452 Altusried, DE-2-702, Apiary 50  
Breeder of the queen: Dorn, Josef, 87452 Altusried, DE-2-702  
**1a** Studbook number: **DE-2-702-42-2024-K**

Race line: Sign: green 42 Daughters of Queen: 0.3%  
Generation: Hatch date: 26.05.2024 Workers: 0.8%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 17 24			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	19.4	111.4	3	9	17.4
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	108			
Honey yield	-	102			0.37
Defensive behavior	3.60	117			0.48
Steadiness on comb	3.40	117			0.48
Swarming drive	4	101			0.33
Varroa	-	(101)			0.35
Performance index	-	111			0.37
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

<sup>1</sup>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 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-2-702-42-2024-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 18

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-2-297-2450-2024	DE-2-297	50	109		102		110		120		100	(101)	112
DE-2-297-2451-2024	DE-2-297	50	112		104		117		120		104	105	114
DE-2-297-2453-2024	DE-2-297	50	105		98		111		116		97	101	106
DE-2-297-2460-2024	DE-2-297	50	104		99		114		115		98	97	108
DE-2-297-2467-2024-K	DE-2-297	50	107		104		112		115		103	101	110
DE-2-297-2471-2024	DE-2-297	50	109		99		117		120		99	102	111
DE-2-297-2473-2024	DE-2-297	50	107		99		120		123		99	98	112
DE-2-368-2-2024-K	DE-2-368	3	107		101		115		117		99	101	109
DE-2-368-3-2024-K	DE-2-368	3	109		101		118		120		100	102	112
DE-2-368-4-2024	DE-2-368	3	107		100		114		117		98	101	109
DE-2-702-31-2024	DE-2-702	1	107	20.8	100	3.5	116	3.3	116	4	98	(101)	109
DE-2-702-34-2024	DE-2-702	1	106	20.4	100	3.4	113	3.3	115	4	98	(101)	108
DE-2-702-39-2024	DE-2-702	1	106	19.6	99	3.4	113	3.3	115	4	98	(101)	108
DE-2-702-44-2024	DE-2-702	1	108	19	99	3.4	116	3.5	120	4	99	(101)	110
DE-2-702-32-2024	DE-2-702	50	108	19	102	3.5	115	3.4	116	4	100	(101)	110
DE-2-702-40-2024	DE-2-702	50	108	24.1	105	3.4	112	3.5	116	4	104	(101)	111
DE-2-702-41-2024	DE-2-702	50	109	20.1	102	3.5	116	3.5	118	4	101	(101)	111
DE-2-702-42-2024-K	DE-2-702	50	108	19.4	102	3.6	117	3.4	117	4	101	(101)	111