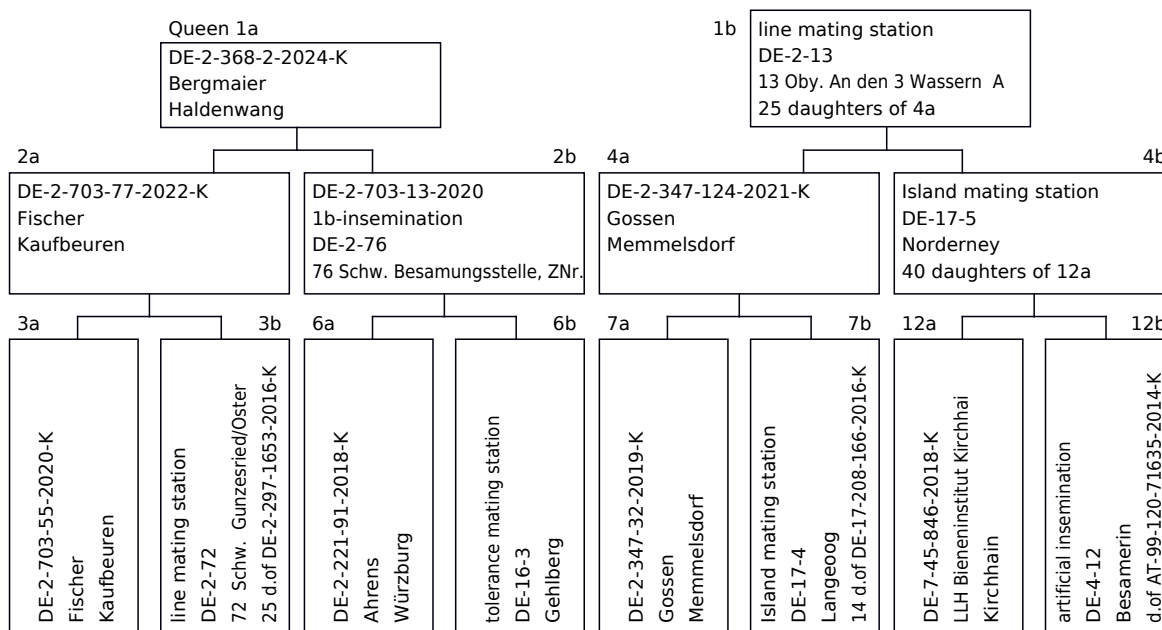









Tester of the queen: Bergmaier, Alexander, 87490 Haldenwang, DE-2-368, Apiary 3
Breeder of the queen: Bergmaier, Alexander, 87490 Haldenwang, DE-2-368
1a Studbook number: **DE-2-368-2-2024-K**

Race line: -Carnica Sign: green 2 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 H2			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	26	102.6	2	3	25.3	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	107				
Honey yield	-	101				0.36
Defensive behavior	3.70	115				0.47
Steadiness on comb	3.60	117				0.47
Swarming drive	3.80	99				0.33
Varroa	-	101				0.36
Performance index	-	109				0.36
Robustness in winter	3		70%	100%	170%	
Development in Spring	3					
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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

Breeding selection report DE-2-368-2-2024-K

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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	26	101	3.7	115	3.6	117	3.8	99	101	109
DE-2-368-3-2024-K	DE-2-368	3	109	27	101	3.8	118	3.7	120	3.8	100	102	112
DE-2-368-4-2024	DE-2-368	3	107	23	100	3.6	114	3.6	117	3.8	98	101	109
DE-2-702-31-2024	DE-2-702	1	107		100		116		116		98	(101)	109
DE-2-702-34-2024	DE-2-702	1	106		100		113		115		98	(101)	108
DE-2-702-39-2024	DE-2-702	1	106		99		113		115		98	(101)	108
DE-2-702-44-2024	DE-2-702	1	108		99		116		120		99	(101)	110
DE-2-702-32-2024	DE-2-702	50	108		102		115		116		100	(101)	110
DE-2-702-40-2024	DE-2-702	50	108		105		112		116		104	(101)	111
DE-2-702-41-2024	DE-2-702	50	109		102		116		118		101	(101)	111
DE-2-702-42-2024-K	DE-2-702	50	108		102		117		117		101	(101)	111