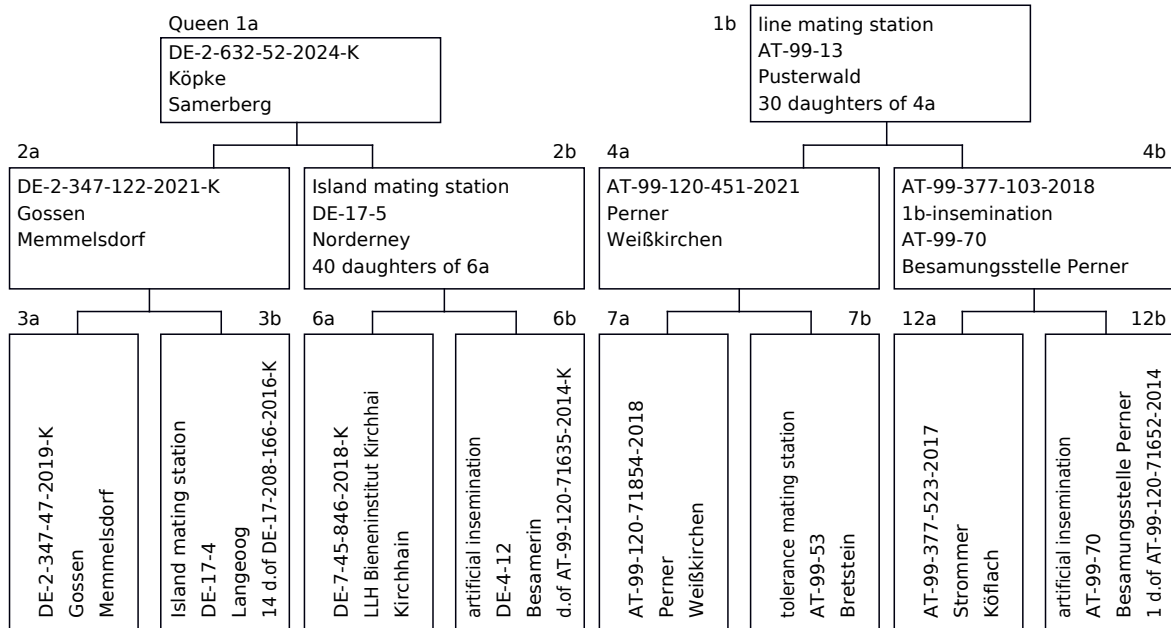


Tester of the queen: Köpke, Peter, 83122 Samerberg, DE-2-632, Apiary 1
 Breeder of the queen: Köpke, Peter, 83122 Samerberg, DE-2-632
1a Studbook number: **DE-2-632-52-2024-K**

Race line: Sign: green
 Generation: Hatch date: 19.072024

Daughters of Queen: 4.2%
 Workers: 3.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 52 Gossen 122 Pusterwald k			Nr 50 comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	19.1	117	2	11	16.3
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	125			
Honey yield	-	112			0.5
Defensive behavior	3.88	122			0.57
Steadiness on comb	3.75	122			0.56
Swarming drive	4	112			0.48
Varroa	-	122*			0.52
Performance index	-	120			0.5
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	3.56				

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-2-632-52-2024-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-2-632-52-2024-K	DE-2-632	1	125	19.1	112	3.9	122	3.8	122	4	112	122*	120
DE-2-632-57-2024	DE-2-632	1	123	12.8	105	3.9	123	3.6	124	4	109	122*	118
DE-2-632-59-2024-K	DE-2-632	1	120	21.5	114	3.4	112	3.4	114	4	113	118*	116

Only one Varroa trait was recorded