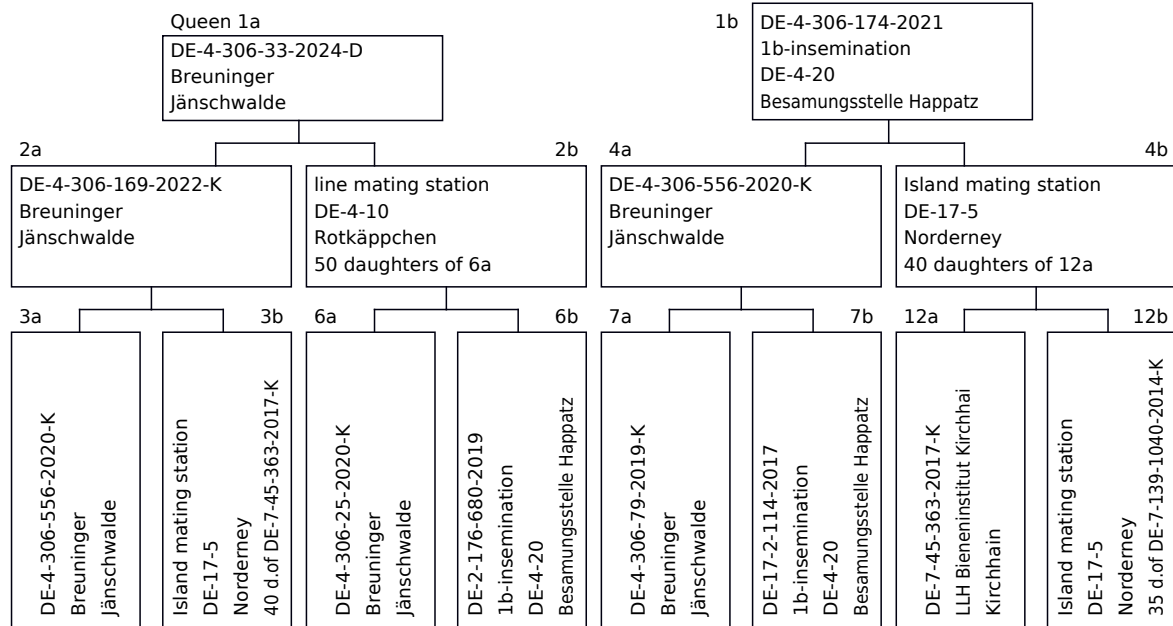


Tester of the queen: Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306, Apiary 1
 Breeder of the queen: Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306
1a Studbook number: **DE-4-306-33-2024-D**

Race line: -4-10/556 Sign: green 33 Daughters of Queen: 10.9%
 Generation: 6 Hatch date: Workers: 15.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	64	123.9	3	11	51.6
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	147			
Honey yield	-	140			0.54
Defensive behavior	4	132			0.65
Steadiness on comb	4	131			0.65
Swarming drive	4	138			0.57
Varroa	-	138			0.58
Performance index	-	142			0.54
Robustness in winter			70%	100%	170%
Development in Spring	4				
Colony strength	4				

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-4-306-33-2024-D

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Performance of the sisters

Amount of checked sisters: 5

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-4-306-31-2024-D	DE-4-306	1	146	60	139	4	139	4	139	4	139	138	142
DE-4-306-33-2024-D	DE-4-306	1	147	64	140	4	132	4	131	4	138	138	142
DE-4-306-32-2024-D	DE-4-306	9	144	11	135	3.5	131	3.5	130	3.5	135	136	139
DE-4-306-38-2024-D	DE-4-306	9	147	20	142	4	132	4	131	4	140	137	143
DE-4-306-26-2024-D	DE-4-307	1	142		134		128		127		134	136	137