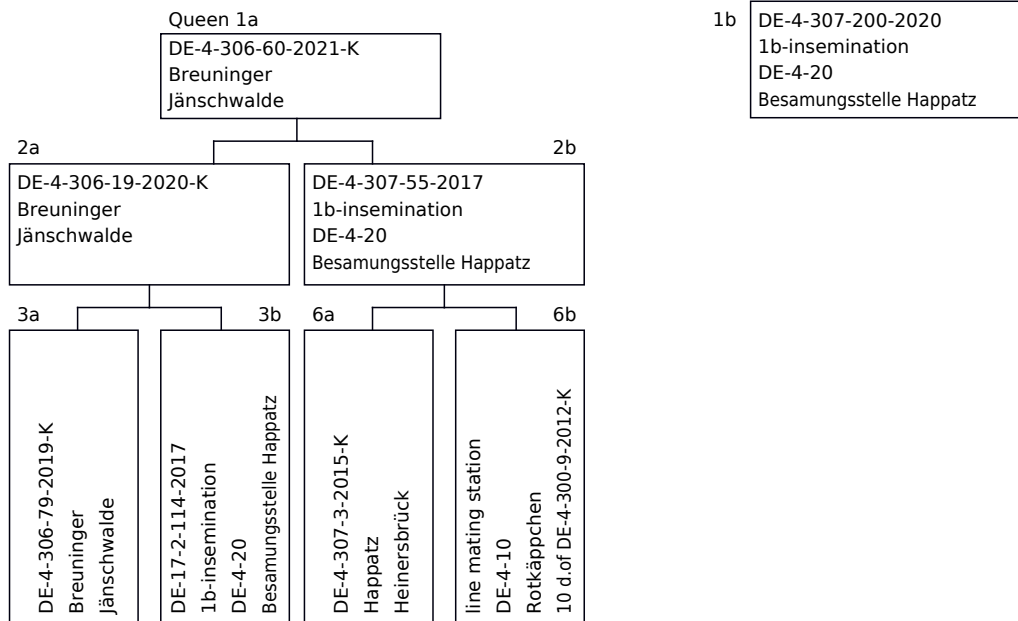


Tester of the queen: Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306, Apiary 9
 Breeder of the queen: Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306
1a Studbook number: **DE-4-306-60-2021-K**

Race line: -4-10 Sign: white Daughters of Queen: 6.0%
 Generation: 5 Hatch date: Workers: 0.0%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
				0	
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	139			
Honey yield	-	(138)			0.29
Defensive behavior	4	141			0.54
Steadiness on comb	4	139			0.54
Swarming drive	3	125			0.46
Varroa	-	126			0.47
Performance index	-	141			0.29
Robustness in winter			70%	100%	170%
Development in Spring	4				
Colony strength					

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

none

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.