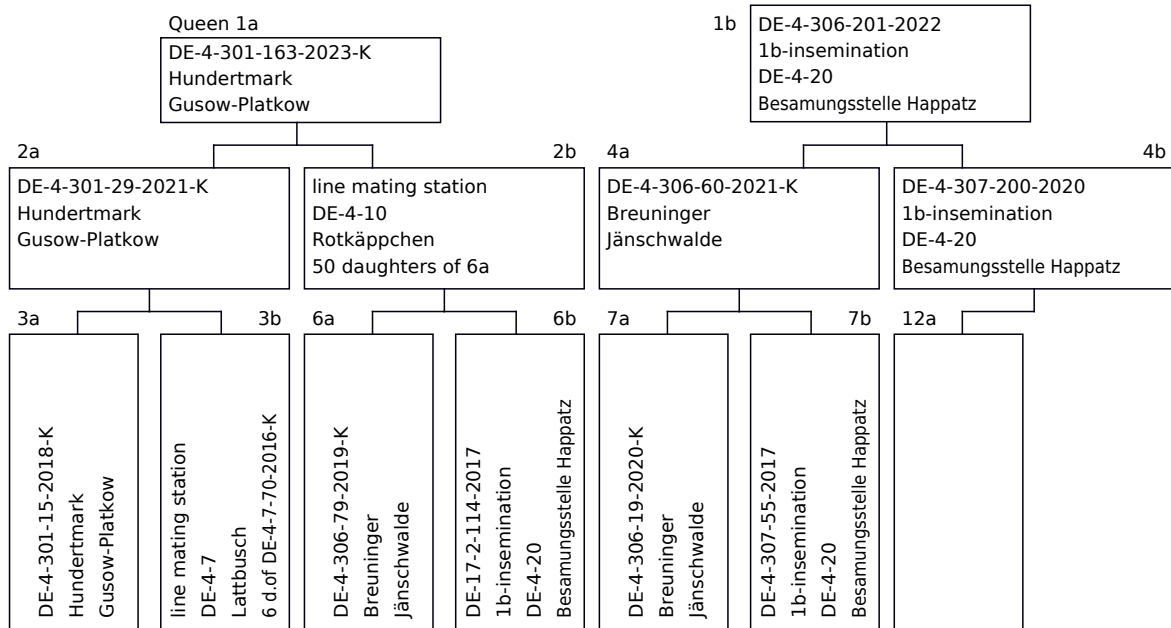


Tester of the queen: LPrüfhof-Brandenburg, Heinersbrück/ Jänschwalde, DE-4-700, Apiary 5
 Breeder of the queen: Hundertmark, Jürgen, 15306 Gusow-Platkow, DE-4-301
1a Studbook number: **DE-4-301-163-2023-K**

Race line: -11 Sign: red Daughters of Queen: 0.7%
 Generation: Hatch date: 03.06.2023 Workers: 5.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	12	167.4	1	6	7.2
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	129			
Honey yield	-	133			0.33
Defensive behavior	4	135			0.46
Steadiness on comb	4	134			0.46
Swarming drive	4	118			0.36
Varroa	-	111			0.37
Performance index	-	136			0.33
Robustness in winter			70%	100%	170%
Development in Spring					
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

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-4-301-163-2023-K

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Performance of the sisters

Amount of checked sisters: 6

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-4-301-161-2023	DE-4-700	5	122	7	125	3.5	113	3.5	111	4	104	110	126
DE-4-301-162-2023	DE-4-700	5	113	3	117	3	113	3	111	3	104	108	113
DE-4-301-163-2023-K	DE-4-700	5	129	12	133	4	135	4	134	4	118	111	136
DE-4-301-165-2023	DE-4-700	5	129	10	131	4	135	4	135	4	118	112	135
DE-4-301-167-2023	DE-4-700	5	114	3	118	3	113	3	111	4	112	106	116
DE-4-301-168-2023	DE-4-700	5	126	8	127	3.8	131	3.8	130	4	117	110	131