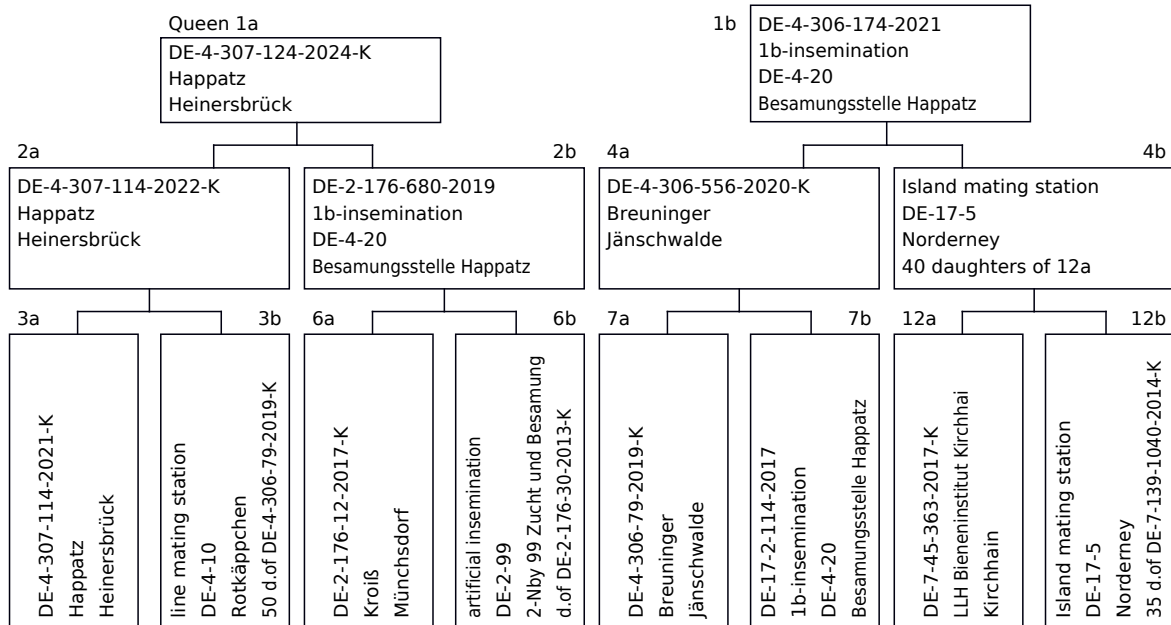


Tester of the queen: LPrüfhof-Brandenburg, Heinersbrück/ Jänschwalde, DE-4-700, Apiary 3  
 Breeder of the queen: Happatz, Maik, 03185 Heinersbrück, DE-4-307  
**1a** Studbook number: **DE-4-307-124-2024-K**

Race line: Sign: green 24 Daughters of Queen: 13.8%  
 Generation: Hatch date: Workers: 8.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	66.9	115.1	1	9	58.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	145			
Honey yield	-	151			0.54
Defensive behavior	3.80	129			0.66
Steadiness on comb	3.80	129			0.66
Swarming drive	4	139			0.56
Varroa	-	132			0.59
Performance index	-	144			0.55
Robustness in winter	3.80		70%	100%	170%
Development in Spring	3.80				
Colony strength	3.80				

<sup>1</sup>In 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-4-307-124-2024-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 9

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-4-307-143-2024	DE-4-306	1	144		149		130		130		136	131	144
DE-4-307-144-2024	DE-4-306	1	144		149		130		130		138	132	144
DE-4-307-96-2024	DE-4-307	3	143		148		128		128		136	131	142
DE-4-307-97-2024	DE-4-307	3	143		147		130		130		136	131	143
DE-4-307-102-2024	DE-4-307	3	145		150		129		129		139	132	144
DE-4-307-141-2024	DE-4-700	2	144	35.1	148	3.8	130	3.8	130	4	137	131	143
DE-4-307-142-2024	DE-4-700	2	143	34.5	147	3.8	127	3.6	127	4	136	132	141
DE-4-307-98-2024	DE-4-700	3	142	58.8	147	3.5	128	3.6	127	4	136	130	141
DE-4-307-124-2024-K	DE-4-700	3	145	66.9	151	3.8	129	3.8	129	4	139	132	144