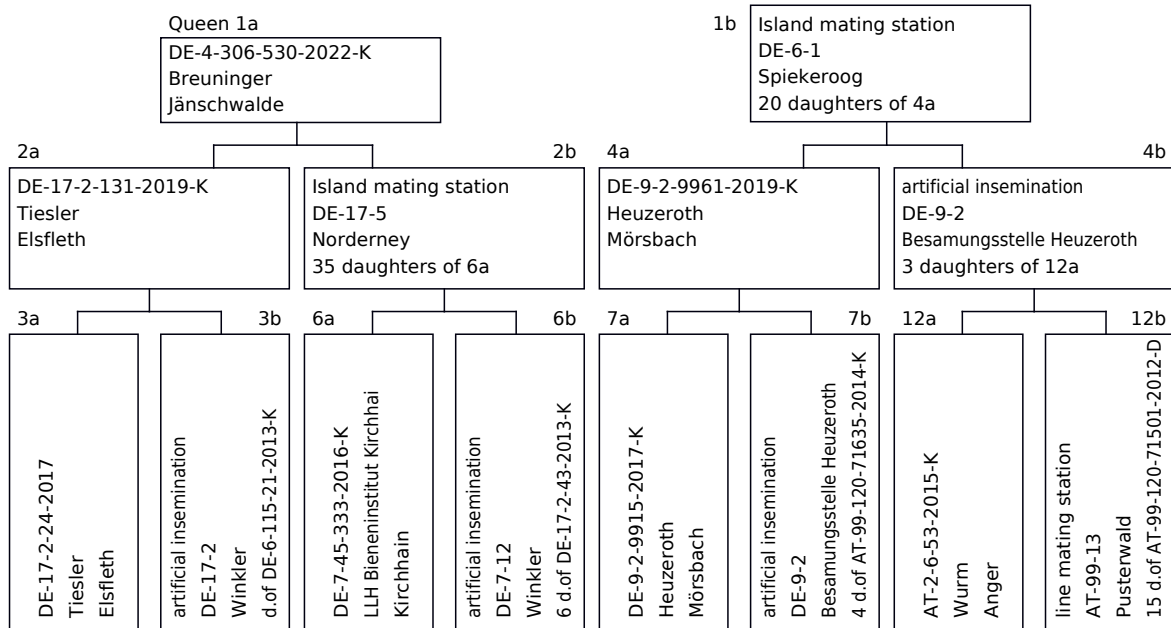


Tester of the queen: Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306, Apiary 1  
 Breeder of the queen: Breuninger, Hans Jörg, 03197 Jänschwalde, DE-4-306  
**1a** Studbook number: **DE-4-306-530-2022-K**

Race line: -Peschetz Sign: yellow 30 Daughters of Queen: 3.4%  
 Generation: 1 Hatch date: Workers: 1.0%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	32	52.1	18	20	61.4
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	112			
Honey yield	-	102			0.46
Defensive behavior	4	122			0.55
Steadiness on comb	3.50	116			0.55
Swarming drive	4	120			0.51
Varroa	-	99			0.52
Performance index	-	118			0.46
Robustness in winter			70%	100%	170%
Development in Spring	3				
Colony strength	4				

<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 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-4-306-530-2022-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 11

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 ndex
DE-4-306-530-2022-K	DE-4-306	1	112	32	102	4	122	3.5	116	4	120	99	118
DE-4-306-531-2022	DE-4-306	1	114	36	104	4	124	4	inspection 121	4	121	100	121
DE-4-323-109-2022	DE-4-323	1	111		108		118		114		118	99	117
DE-4-323-118-2022	DE-4-323	1	113		107		119		116		117	102	118
DE-4-323-119-2022	DE-4-323	1	116		107		118		114		119	107	117
DE-17-2-4-2022-K	DE-17-2	1	112		107		120		116		119	99*	119
DE-17-2-5-2022-K	DE-17-2	1	109		108		117		113		118	95*	117
DE-17-2-6-2022**	DE-17-2	1	111		(105)		(119)		(115)		(118)	(99)	117
DE-17-2-2-2022-K	DE-17-2	2	112		104		118		114		120	100*	117
DE-17-2-3-2022	DE-17-2	2	113		107		117		114		120	102*	117
DE-17-2-1-2022	DE-17-2	3	113		107		118		114		118	102*	117

Only one Varroa trait was recorded

Colony without performance tests