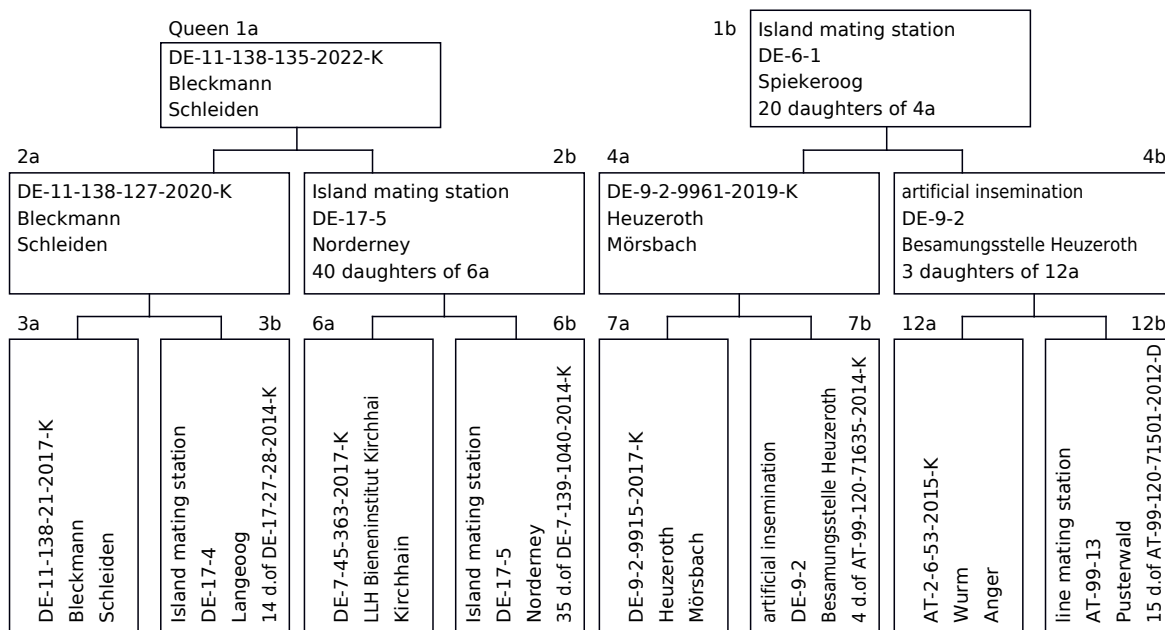


Tester of the queen: Bleckmann, Friedrich, 53937 Schleiden, DE-11-138, Apiary 1  
 Breeder of the queen: Bleckmann, Friedrich, 53937 Schleiden, DE-11-138  
**1a** Studbook number: **DE-11-138-135-2022-K**

Race line: Sign: yellow 26 Daughters of Queen: 2.7%  
 Generation: 6 Hatch date: 20.06.2022 Workers: 1.6%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 207			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	80.5	154.8	1	14	52.0
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	123			
Honey yield	-	115			0.44
Defensive behavior	4	123			0.53
Steadiness on comb	4	120			0.53
Swarming drive	4	126			0.49
Varroa	-	111			0.5
Performance index	-	125			0.44
Robustness in winter	3		70%	100%	170%
Development in Spring	4				
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 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-11-138-135-2022-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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-11-138-107-2022	DE-11-1	10	120		113		113		113		118	116	
DE-11-138-116-2022	DE-11-1	10	118		109		113		113		122	113	117
DE-11-138-131-2022-K	DE-11-72	1	117		105		115		113		123	111	117
DE-11-138-104-2022	DE-11-138	1	117	69.5	112	3.5	113	3	108	4	124	110	117
DE-11-138-110-2022	DE-11-138	1	117	49.8	108	3.5	118	4	118	3	118	108	119
DE-11-138-111-2022-K	DE-11-138	1	122	60.4	112	4	123	4	120	4	126	111	124
DE-11-138-114-2022	DE-11-138	1	115	48.1	109	3	112	3.5	111	4	124	108	117
DE-11-138-122-2022	DE-11-138	1	114	35.7	106	2.5	105	3	104	4	123	112	111
DE-11-138-132-2022	DE-11-138	1	116	26.1	104	3.5	114	3	108	4	124	111	115
DE-11-138-133-2022	DE-11-138	1	121	79.9	115	3.5	118	4	118	4	126	111	123
DE-11-138-135-2022-K	DE-11-138	1	123	80.5	115	4	123	4	120	4	126	111	125