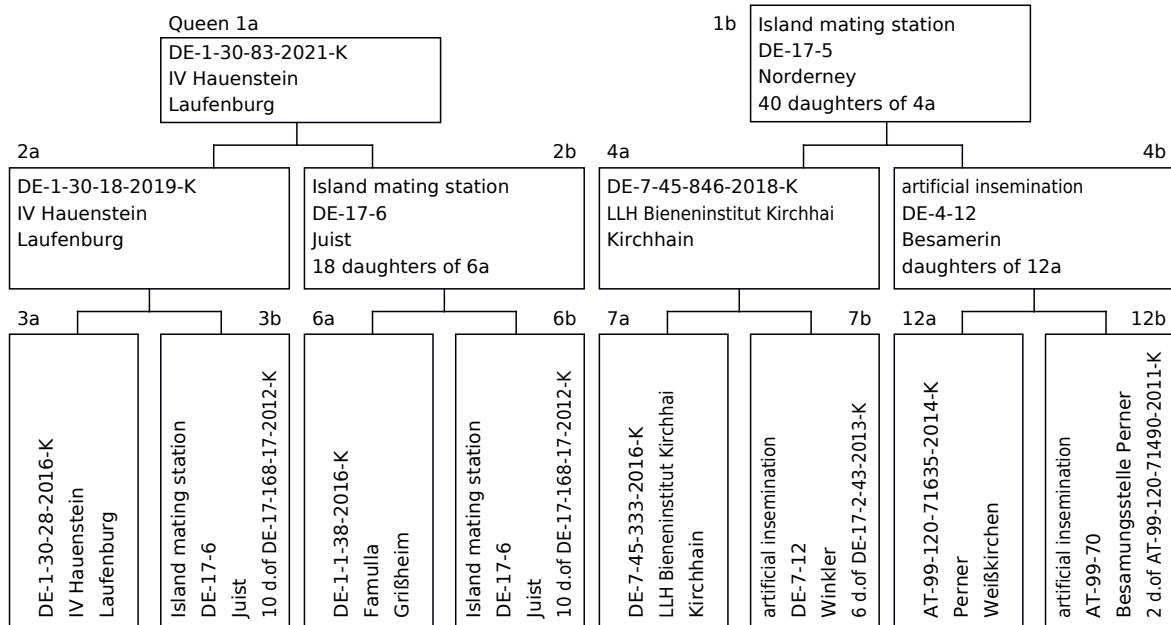




Tester of the queen: IV Hauenstein, Thomas Walter Schlachter, 79725 Laufenburg, DE-1-30, Apiary 1  
 Breeder of the queen: IV Hauenstein, Thomas Walter Schlachter, 79725 Laufenburg, DE-1-30  
**1a** Studbook number: **DE-1-30-83-2021-K**

Race line: -Ca Sign: white 83 Daughters of Queen: 7.1%  
 Generation: 1 Hatch date: 10.06.2021 Workers: 0.4%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 19 Bernward (DN)			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	49.5	110.6	4	8	44.7
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	118			
Honey yield	-	118			0.41
Defensive behavior	3.50	119			0.49
Steadiness on comb	3.75	118			0.49
Swarming drive	4	109			0.39
Varroa	-	111			0.46
Performance index	-	119			0.41
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

<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-1-30-83-2021-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-1-30-81-2021	DE-1-7	1	116		118		118		118		107	118	
DE-1-30-24-2021	DE-1-30	1	116	16.8	113	3.5	119	3.8	119	4	108	109	117
DE-1-30-32-2021-K	DE-1-30	1	115	74.7	122	3.7	119	3.7	118	4	110	103	120
DE-1-30-42-2021	DE-1-30	1	113	40	117	3.5	118	3.6	117	4	109	102	117
DE-1-30-54-2021	DE-1-30	1	114	53	119	3.3	117	3.8	118	4	109	104	118
DE-1-30-64-2021	DE-1-30	1	115	49	118	3.4	117	3.5	115	4	108	106	117
DE-1-30-67-2021	DE-1-30	1	111	20.2	113	3.4	116	3.4	115	4	107	102	115
DE-1-30-70-2021	DE-1-30	1	117	54.7	119	3.5	119	3.8	118	4	109	109	119
DE-1-30-83-2021-K	DE-1-30	1	118	49.5	118	3.5	119	3.8	118	4	109	111	119