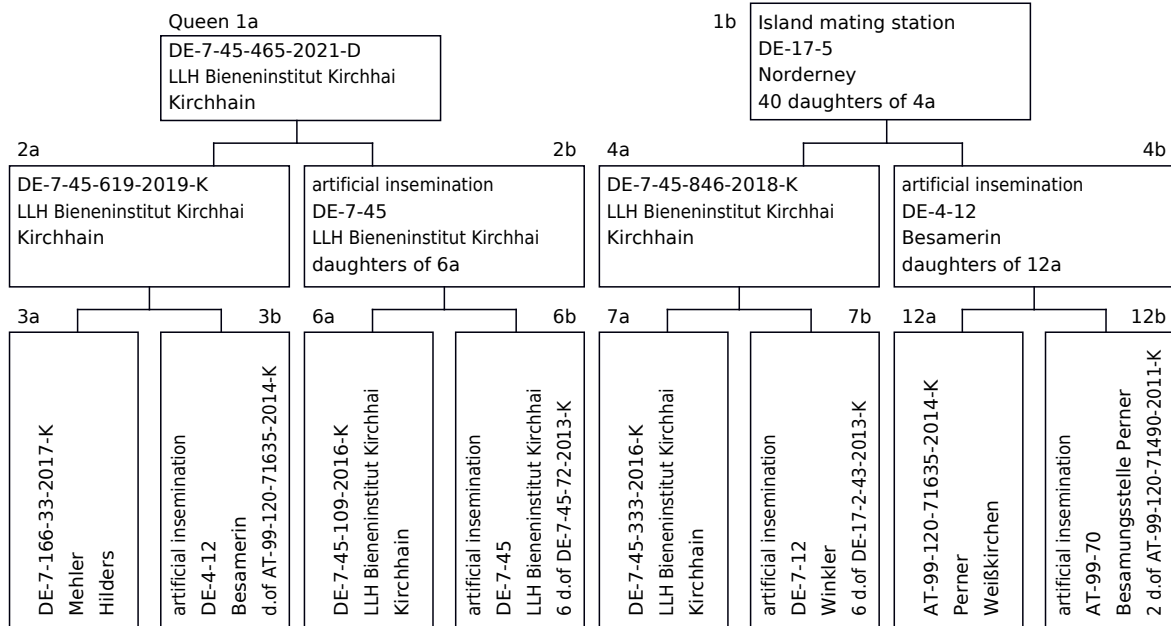


Tester of the queen: Reps, Thomas, 98547 Christes, DE-16-325, Apiary 9  
Breeder of the queen: LLH Bieneninstitut Kirchhai, 35274 Kirchhai, DE-7-45  
**1a** Studbook number: **DE-7-45-465-2021-D**

Race line: -Carnica Sign: white 19 Daughters of Queen: 1.5%  
Generation: Hatch date: 07.06.2021 Workers: 4.6%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony TR-V 1			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	39.3	116.4	1	14	33.8
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	117			
Honey yield	-	117			0.49
Defensive behavior	4	113			0.58
Steadiness on comb	4	112			0.58
Swarming drive	4	109			0.48
Varroa	-	114			0.55
Performance index	-	115			0.49
Robustness in winter			70%	100%	170%
Development in Spring	3.70				
Colony strength	3.90				

<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 D

Suitable for use as a drone colony at mating stations.

# Breeding selection report DE-7-45-465-2021-D

## Page 2

### Performance of the sisters

Amount of checked sisters: 5

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-7-45-470-2021	DE-7-45	1	116		114		113		109		113	113	113
DE-7-45-474-2021	DE-7-45	1	117		114		113		110		113	114*	114
DE-7-45-471-2021-K	DE-7-45	3	113		115		110		109		114	107	113
DE-7-45-482-2021-K	DE-7-45	4	114		113		110		109		102	114*	110
DE-7-45-465-2021-D	DE-16-325	9	117	39.3	117	4	113	4	112	4	109	114	115

Only one Varroa trait was recorded