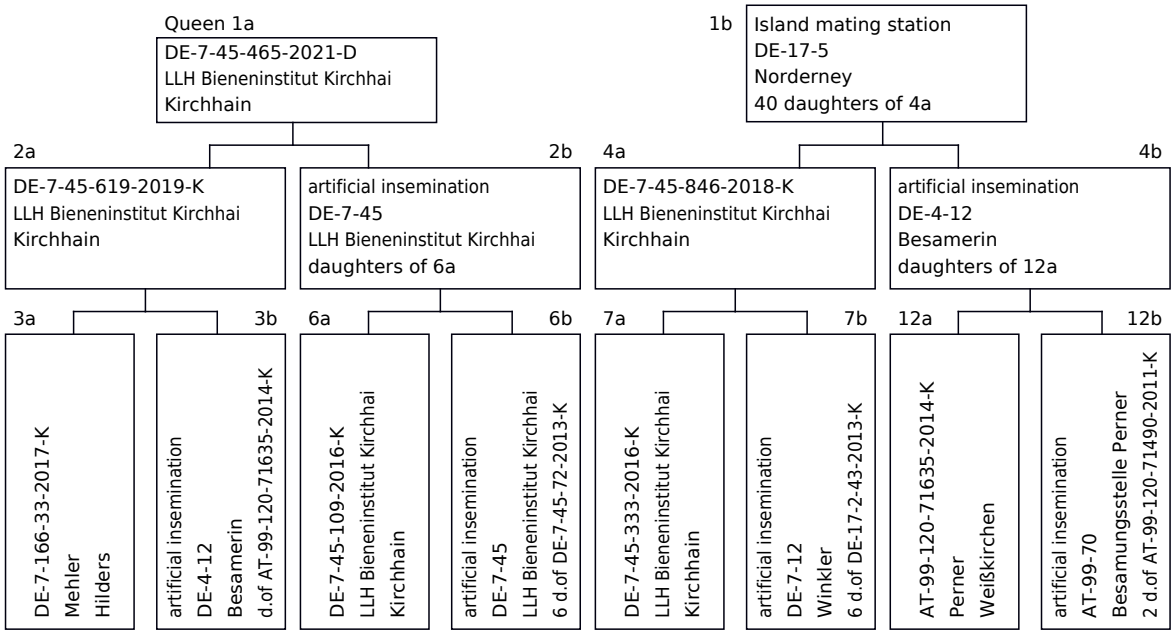
Breeding selection report
DE-7-45-465-2021-D

Tester of the queen:	Reps, Thomas, 98547 Christes, DE-16-325, Apiary 9	
Breeder of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45	
1a Studbook number:	**DE-7-45-465-2021-D**	
		Daughters of
Race line: -Carnica	Sign: white 19	Queen: 1.5%
Generation:	Hatch date: 07.06.2021	Workers: 4.6%

A. Pedigree



B. Own performance

	No. of the colony TR-V 1			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	39.3	116.4	1	14	33.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	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			
Development in Spring	3.70		
Colony strength	3.90		

70% 100% 170%

[1]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.

17.01.2024

For the correctness DE-16

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 during inspection	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-7-45-470-2021	DE-7-45	1	116		114		111		110		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