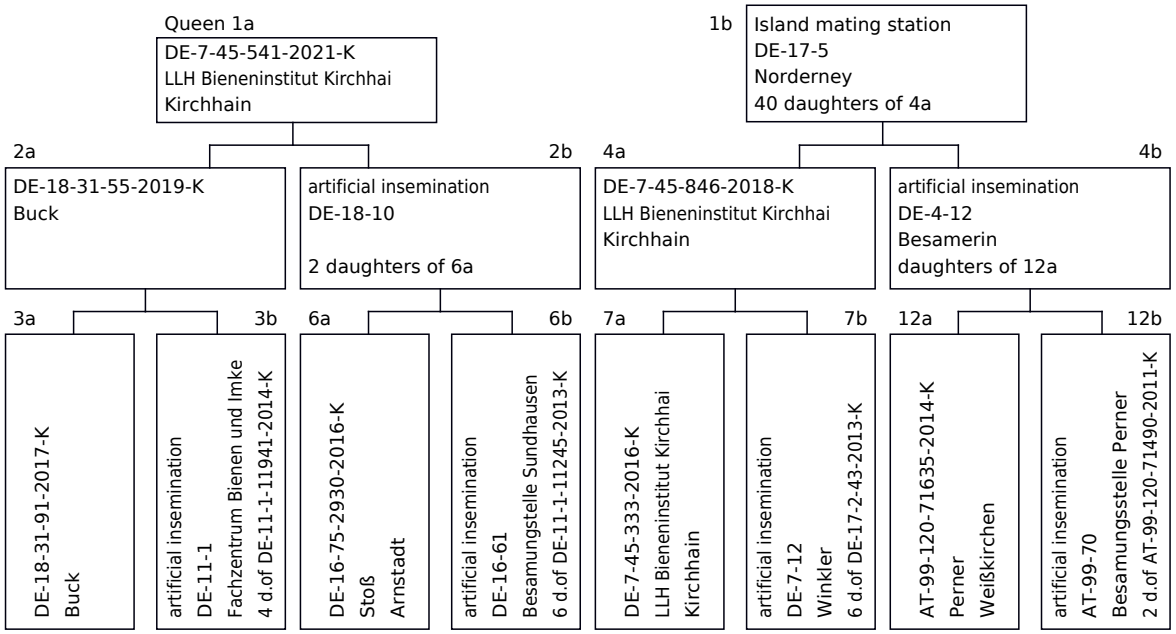
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-7-45-541-2021-K

Landesverband Hessischer Imker e.V.

Tester of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45, Apiary 4	
Breeder of the queen:	LLH Bieneninstitut Kirchhain, 35274 Kirchhain, DE-7-45	
1a Studbook number:	**DE-7-45-541-2021-K**	
		Daughters of
Race line: -Carnica	Sign: white 24-9	Queen: 4.7%
Generation: 1	Hatch date: 07.06.2021	Workers: 1.5%

A. Pedigree



B. Own performance

	No. of the colony 405			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	38	112.4	12	20	33.8

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	125	
Honey yield	-	120	0.48
Defensive behavior	3	125	0.57
Steadiness on comb	2.80	123	0.57
Swarming drive	4	115	0.53
Varroa	-	118	0.54
Performance index	-	124	0.48
Robustness in winter			
Development in Spring			
Colony strength			

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

none Analysis of race characteristics

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.

27.03.2023

For the correctness DE-7

Breeding selection report DE-7-45-541-2021-K

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Performance of the sisters

Amount of checked sisters: 6

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-7-45-577-2021	AT-99-711	1	126		120		121		120		108	126	120
DE-7-45-578-2021	AT-99-711	1	124		122		117		117		107	123	118
DE-7-45-560-2021-K	DE-2-147	1	124		123		125		124		109	(116)	123
DE-7-45-542-2021	DE-7-45	3	123	61.8	119	3.1	123	2.7	121	3	108	118	120
DE-7-45-541-2021-K	DE-7-45	4	125	38	120	3	125	2.8	123	4	115	118	124
DE-7-45-384-2021	DE-7-197	1	122		119		121		120		107	118	119