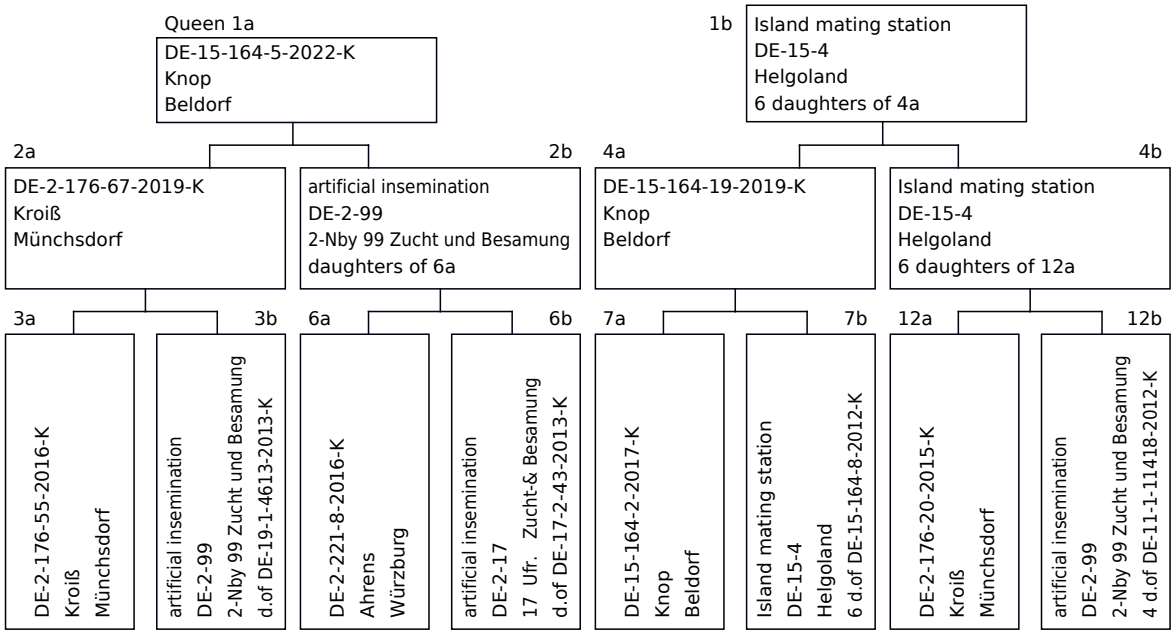
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-15-164-5-2022-K

Tester of the queen:	Imkerschule, Landesverband SH-HH, Bad Segeberg, DE-15-69, Apiary 2	
Breeder of the queen:	Knop, Carsten, 25557 Beldorf, DE-15-164	
1a Studbook number:	**DE-15-164-5-2022-K**	
		Daughters of
Race line:	Sign: yellow 5	Queen: 1.2%
Generation:	Hatch date: 05.06.2022	Workers: 1.8%

A. Pedigree



B. Own performance

	No. of the colony 49			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	66	135.8	1	5	48.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	116	
Honey yield	-	119	0.36
Defensive behavior	4	110	0.46
Steadiness on comb	3.90	112	0.46
Swarming drive	4	110	0.42
Varroa	-	110	0.42
Performance index	-	115	0.36
Robustness in winter	4		
Development in Spring	4		
Colony strength	4		

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 Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

22.02.2024

For the correctness DE-15

Breeding selection report DE-15-164-5-2022-K

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Performance of the sisters

Amount of checked sisters: 12

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	Swarming drive	Breeding Value Swarming drive	Varroa-index	Performance ndex
DE-15-164-3-2022	DE-15-69	2	104	38	112	3.4	101	3	100	3.4	103	100	105
DE-15-164-5-2022-K	DE-15-69	2	116	66	119	4	110	3.9	112	4	110	110	115
DE-15-164-7-2022	DE-15-69	2	105	41	113	3.3	100	3.1	101	3.5	104	100	105
DE-15-164-2-2021	DE-15-69	2	110	49	116	3.8	108	3.7	109	4	107	104	112
DE-15-164-3-2021	DE-15-69	2	110	44	113	3.8	109	3.8	110	3.7	105	104	111
DE-15-164-4-2021	DE-15-164	1	109		113		105		106		105	104	109
DE-15-164-5-2021	DE-15-164	1	109		114		104		106		106	105	109
DE-15-164-6-2021-K	DE-15-164	1	110		117		105		106		106	105	110
DE-15-164-7-2021	DE-15-164	1	110		116		105		106		106	105*	109
DE-15-164-8-2021	DE-15-164	1	108		111		105		106		104	104	108
DE-15-164-10-2021-K	DE-15-164	1	112		120		106		108		107	107	112
DE-15-164-14-2021-K	DE-15-164	1	111		118		106		107		107	106	111

Only one Varroa trait was recorded