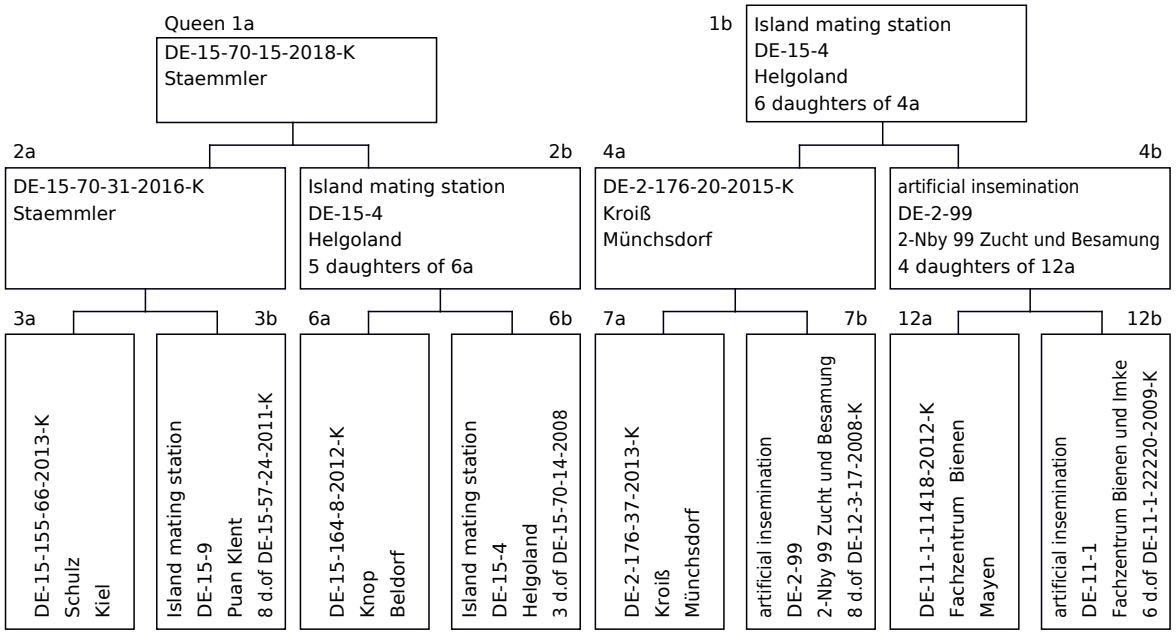
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-15-70-15-2018-K

Tester of the queen:	Imkerschule, Landesverband SH-HH, Bad Segeberg, DE-15-69, Apiary 2	
Breeder of the queen:	Staemmler, Geert, DE-15-70	
1a Studbook number:	**DE-15-70-15-2018-K**	
		Daughters of
Race line:	Sign: red 15	Queen: 0.0%
Generation:	Hatch date: 09.06.2018	Workers: 0.7%

A. Pedigree



B. Own performance

	No. of the colony 259			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	53	128.1	2	13	41.4

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	110	
Honey yield	-	112	0.28
Defensive behavior	3.80	101	0.42
Steadiness on comb	3.80	103	0.42
Swarming drive	4	105	0.27
Varroa	-	108	0.23
Performance index	-	108	0.32
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.

24.02.2020

For the correctness DE-15

Breeding selection report DE-15-70-15-2018-K

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Performance of the sisters

Amount of checked sisters: 13

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-15-70-2-2018	DE-15-69	2	102	38	105	3.7	99	3.6	100	3.5	102	98	104
DE-15-70-5-2018	DE-15-69	2	104	35	104	3.6	99	3.6	100	3.5	102	104	103
DE-15-70-6-2018	DE-15-69	2	105	36	105	3.6	99	3.7	101	4	105	103	105
DE-15-70-15-2018-K	DE-15-69	2	110	53	112	3.8	101	3.8	103	4	105	108	108
DE-15-70-18-2018	DE-15-69	2	106	38	105	3.8	101	3.7	102	3.3	101	105	105
DE-15-70-27-2018	DE-15-69	2	110	56	113	4	103	3.8	104	4	105	108	109
DE-15-70-55-2018	DE-15-69	2	105	45	108	3.8	100	3.5	100	4	105	102	106
DE-15-70-58-2018	DE-15-69	2	104	31	102	3.6	99	3.7	101	3.5	102	102	104
DE-15-70-60-2018	DE-15-69	2	104	38	105	3.6	98	3.6	100	3.8	104	101	104
DE-15-70-67-2018-K	DE-15-69	2	109	53	112	3.9	102	3.8	103	4	105	106	108
DE-15-70-70-2018	DE-15-69	2	104	40	105	3.5	96	3.4	98	3.9	104	104	103
DE-15-70-72-2018	DE-15-69	2	104	38	104	3.8	99	3.4	99	4	105	102	104
DE-15-70-93-2018	DE-15-69	2	104	37	105	3.5	98	3.7	101	4	105	102	105