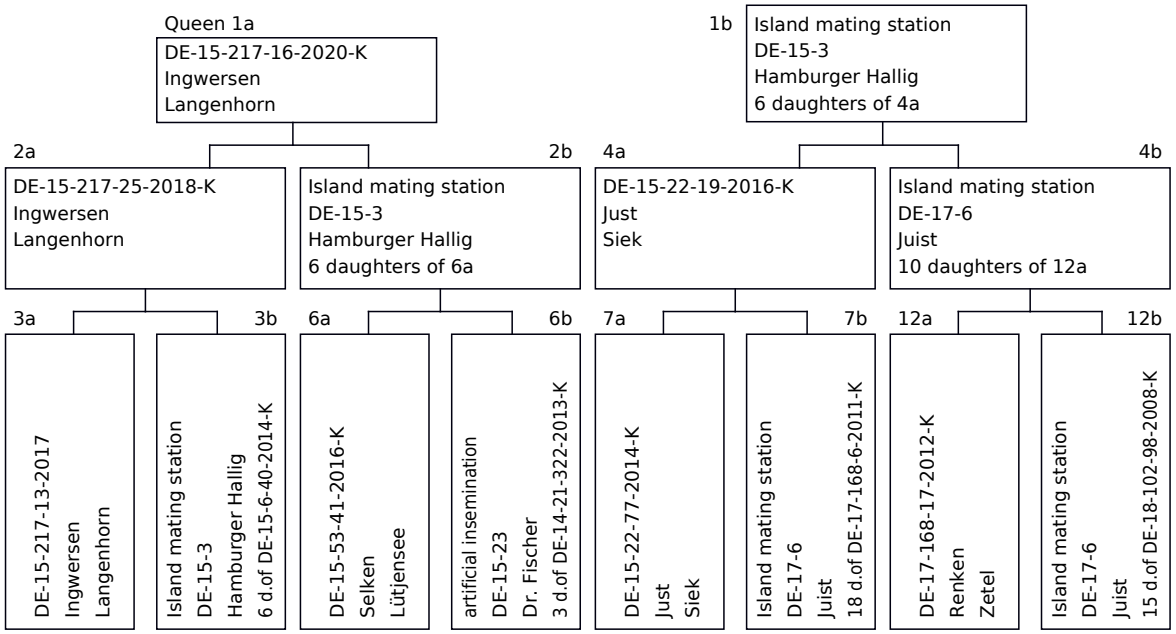
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-15-217-16-2020-K

Tester of the queen:	Ingwersen, Elke, 25842 Langenhorn, DE-15-217, Apiary 1	
Breeder of the queen:	Ingwersen, Elke, 25842 Langenhorn, DE-15-217	
1a Studbook number:	**DE-15-217-16-2020-K**	
		Daughters of
Race line: -13	Sign: blue 16	Queen: 3.6%
Generation:	Hatch date: 24.05.2020	Workers: 3.8%

A. Pedigree



B. Own performance

	No. of the colony 16			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	53	127.1	2	16	41.7

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	106	
Honey yield	-	109	0.36
Defensive behavior	3.80	113	0.46
Steadiness on comb	3.60	114	0.46
Swarming drive	4	107	0.4
Varroa	-	(94)	0.32
Performance index	-	113	0.36
Robustness in winter	3.70		
Development in Spring	3.80		
Colony strength	3.70		

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 P
Use only for test breeding. The offspring of these colonies should not circulate among other bees.

24.02.2022

For the correctness DE-15

Breeding selection report DE-15-217-16-2020-K

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Performance of the sisters

Amount of checked sisters: 19

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-15-217-2-2020	DE-15-217	1	102	46	105	3.4	108	3.2	109	3.5	105	(94)	107
DE-15-217-3-2020	DE-15-217	1	100	41	102	3	104	3.1	106	3.2	100	(94)	104
DE-15-217-4-2020	DE-15-217	1	107	56	111	4	115	3.7	116	4	108	(94)	114
DE-15-217-5-2020	DE-15-217	1	97	40	99	3	102	2.8	103	2	92	(94)	99
DE-15-217-8-2020	DE-15-217	1	100	41	102	2.9	103	3	105	3.5	102	(94)	103
DE-15-217-10-2020	DE-15-217	1	101	41	101	3.5	107	2.9	106	3.2	101	(94)	104
DE-15-217-12-2020	DE-15-217	1	101	41	101	3.6	109	3.1	109	3	100	(94)	105
DE-15-217-13-2020	DE-15-217	1	100	42	103	3	104	3.2	107	3.2	101	(94)	104
DE-15-217-14-2020	DE-15-217	1	102	41	103	2.9	106	3.6	111	3.4	102	(94)	106
DE-15-217-16-2020	DE-15-217	1	106	53	109	3.8	113	3.6	114	4	107	(94)	113
DE-15-217-19-2020	DE-15-217	1	101	41	102	3.2	105	3	106	3.4	102	(94)	104
DE-15-217-22-2020	DE-15-217	1	100	42	102	3	103	2.9	105	3.5	102	(94)	103
DE-15-217-24-2020	DE-15-217	1	99	32	97	3	104	3	106	3	99	(94)	101
DE-15-217-28-2020	DE-15-217	1	100	36	99	3.1	104	3	106	3.2	100	(94)	103
DE-15-217-30-2020	DE-15-217	1	101	43	103	3.2	106	3.2	108	3	99	(94)	105
DE-15-217-31-2020**	DE-15-217	1	101		(102)		(106)		(108)		(101)	(94)	105
DE-15-217-33-2020	DE-15-217	1	100	31	98	3	105	3.2	108	3.5	102	(94)	104
DE-15-217-34-2020**	DE-15-217	1	101		(102)		(106)		(108)		(101)	(94)	105
DE-15-218-11-2019	DE-15-218	1	104		105		112		113		103	(94)	109

Colony without performance tests