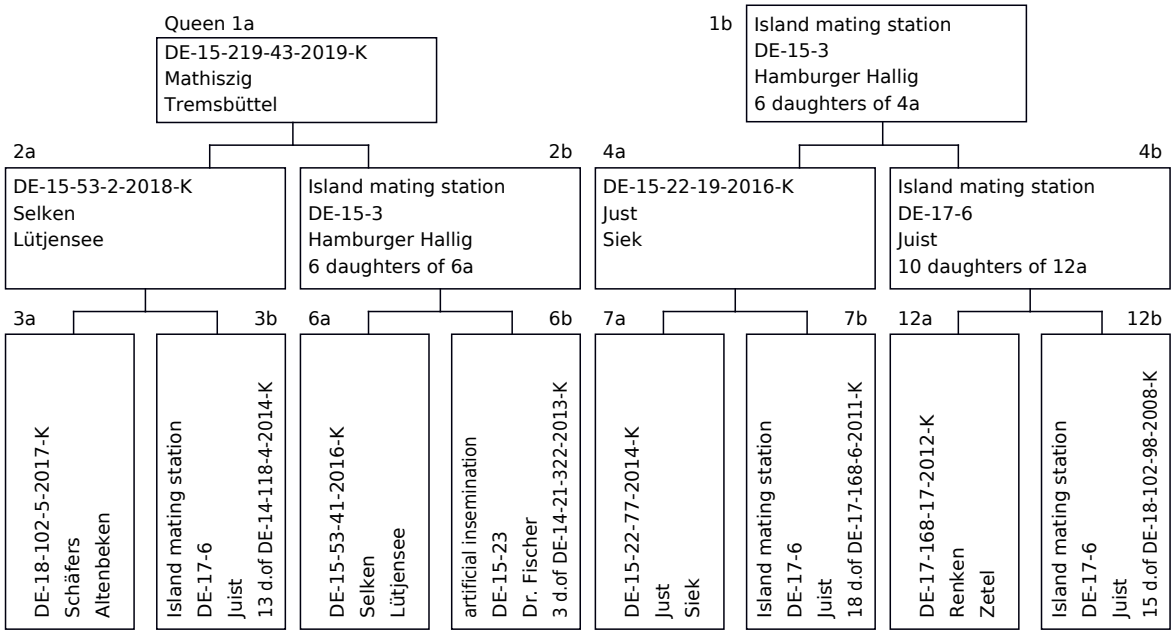
DEUTSCHER IMKERBUND E.V.

Breeding selection report
DE-15-219-43-2019-K

Tester of the queen:	Mathiszig, Georg, 22967 Tremsbüttel, DE-15-219, Apiary 1	
Breeder of the queen:	Mathiszig, Georg, 22967 Tremsbüttel, DE-15-219	
1a Studbook number:	**DE-15-219-43-2019-K**	
		Daughters of
Race line: -10	Sign: green 43	Queen: 2.7%
Generation:	Hatch date: 01.06.2019	Workers: 4.6%

A. Pedigree



B. Own performance

	No. of the colony 8			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	62	130.3	1	7	47.6

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	108	
Honey yield	-	111	0.38
Defensive behavior	4	107	0.47
Steadiness on comb	3.90	105	0.47
Swarming drive	4	104	0.38
Varroa	-	104	0.39
Performance index	-	108	0.38
Robustness in winter	4		
Development in Spring	4		
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 Av

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

17.02.2021

For the correctness DE-15

Breeding selection report DE-15-219-43-2019-K

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Performance of the sisters

Amount of checked sisters: 16

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-15-53-24-2020	DE-15-53	1	101		101		101		100		101	98	101
DE-15-53-25-2020	DE-15-53	1	103		103		103		102		101	101	102
DE-15-53-26-2020	DE-15-53	1	99		101		100		98		100	97	100
DE-15-53-27-2020	DE-15-53	1	102		102		104		102		102	99	103
DE-15-53-29-2020	DE-15-53	1	100		101		101		100		101	98	101
DE-15-53-30-2020-K	DE-15-53	1	106		110		104		103		103	103	106
DE-15-53-31-2020	DE-15-53	1	102		107		100		99		100	100	101
DE-15-53-35-2020	DE-15-53	1	98		101		99		99		100	95	99
DE-15-53-36-2020	DE-15-53	1	99		101		100		98		100	96	100
DE-15-219-40-2019	DE-15-219	1	101	53	106	3.2	98	3.4	97	3.5	101	99	101
DE-15-219-43-2019-K	DE-15-219	1	108	62	111	4	107	3.9	105	4	104	104	108
DE-15-219-45-2019	DE-15-219	1	105	50	107	3.5	104	3.9	103	4	104	102	105
DE-15-219-46-2019	DE-15-219	1	103	43	103	3.7	103	3.5	100	3	98	101	101
DE-15-219-48-2019	DE-15-219	1	104	40	103	3.7	104	3.7	102	3.7	102	101	103
DE-15-219-49-2019	DE-15-219	1	103	35	102	3.7	105	3.8	103	3.8	103	100	104
DE-15-219-50-2019	DE-15-219	1	105	50	107	3.6	104	3.8	103	3.9	103	101	105