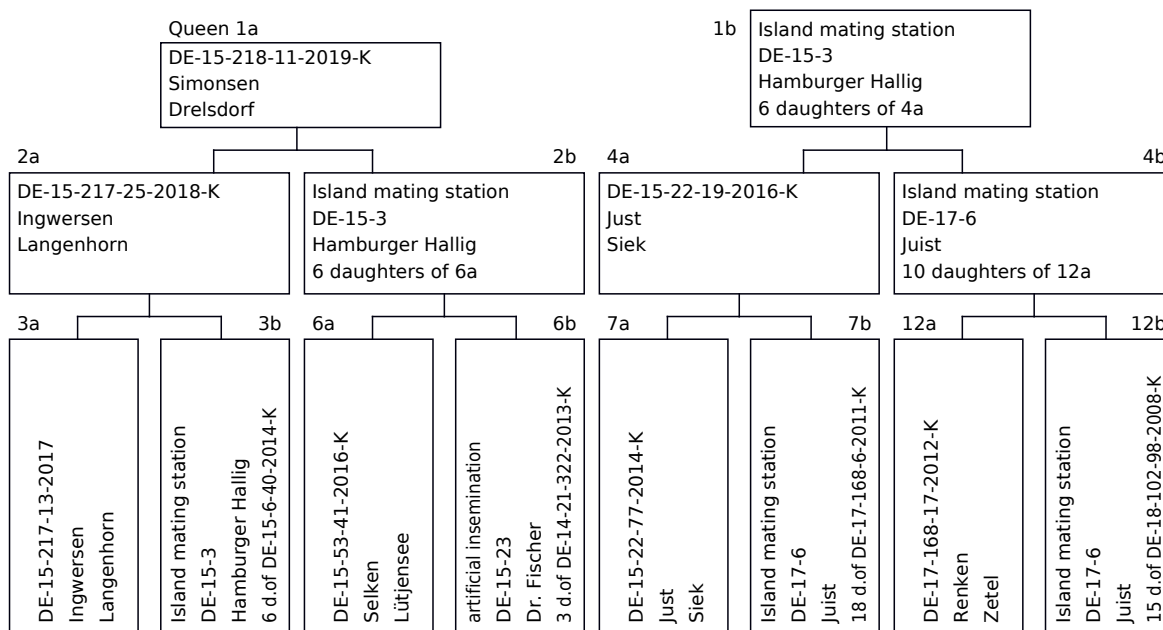


Tester of the queen: Simonsen, Jonas, 25853 Dreisdorf, DE-15-218, Apiary 1
 Breeder of the queen: Simonsen, Jonas, 25853 Dreisdorf, DE-15-218
1a Studbook number: **DE-15-218-11-2019-K**

Race line: -9-26 Sign: green 11 Daughters of Queen: 3.6%
 Generation: Hatch date: 25.05.2019 Workers: 3.8%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	23	134.6	3	11	17.1
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	106			
Honey yield	-	108			0.38
Defensive behavior	4	114			0.48
Steadiness on comb	3.80	115			0.48
Swarming drive	4	102			0.38
Varroa	-	(96)			0.3
Performance index	-	111			0.38
Robustness in winter	3		70%	100%	170%
Development in Spring	3				
Colony strength	3				

¹In 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.

Breeding selection report DE-15-218-11-2019-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	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-15-217-2-2020	DE-15-217	1	102		105		Behavior		109		108	(94)	107
DE-15-217-3-2020	DE-15-217	1	100		102		104		106		100	(94)	104
DE-15-217-4-2020	DE-15-217	1	107		111		115		116		108	(94)	114
DE-15-217-5-2020	DE-15-217	1	97		99		102		103		92	(94)	99
DE-15-217-8-2020	DE-15-217	1	100		102		103		105		102	(94)	103
DE-15-217-10-2020	DE-15-217	1	101		101		107		106		101	(94)	104
DE-15-217-12-2020	DE-15-217	1	101		101		109		109		100	(94)	105
DE-15-217-13-2020	DE-15-217	1	100		103		104		107		101	(94)	104
DE-15-217-14-2020	DE-15-217	1	102		103		106		111		102	(94)	106
DE-15-217-16-2020	DE-15-217	1	106		109		113		114		107	(94)	113
DE-15-217-19-2020	DE-15-217	1	101		102		105		106		102	(94)	104
DE-15-217-22-2020	DE-15-217	1	100		102		103		105		102	(94)	103
DE-15-217-24-2020	DE-15-217	1	99		97		104		106		99	(94)	101
DE-15-217-28-2020	DE-15-217	1	100		99		104		106		100	(94)	103
DE-15-217-30-2020	DE-15-217	1	101		103		106		108		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		98		105		108		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	106	23	108	4	114	3.8	115	4	102	(96)	111

Colony without performance tests