

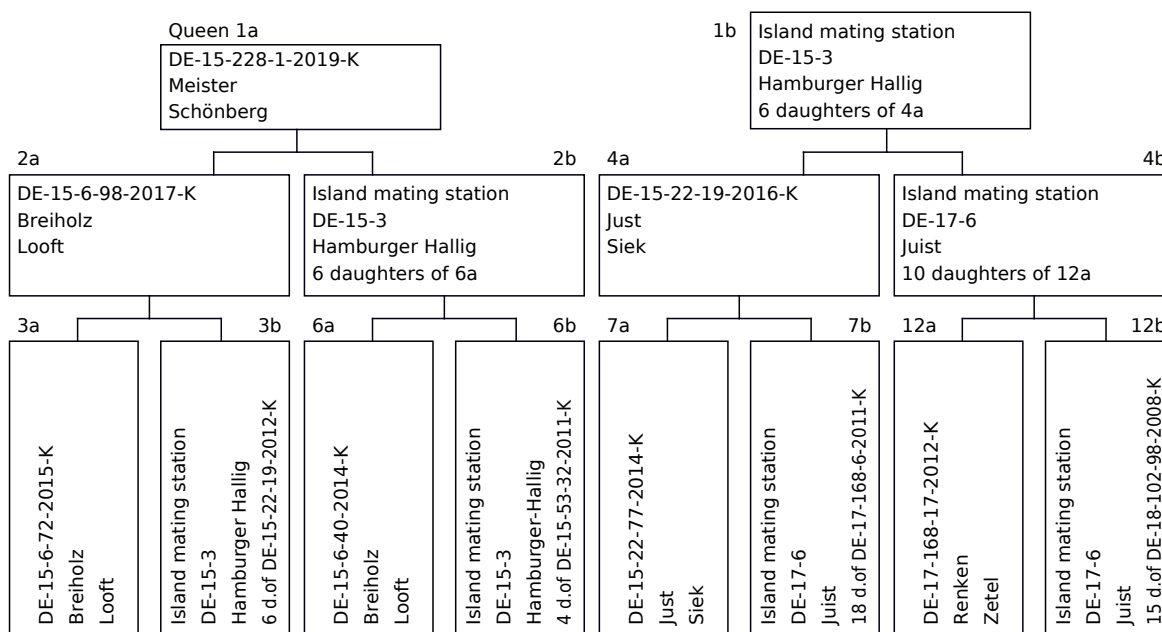
Tester of the queen: Meister, Marius, 22929 Schönberg, DE-15-228, Apiary 1  
 Breeder of the queen: Meister, Marius, 22929 Schönberg, DE-15-228  
**1a** Studbook number: **DE-15-228-1-2019-K**

Race line: -15  
 Generation: 1

Sign: green 3  
 Hatch date: 23.05.2019

Daughters of Queen: 6.0%  
 Workers: 4.3%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony 16			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	93	130.1	1	6	71.5	
	Assessment*	Breeding values			Reliability	
<b>Total breeding value<sup>1</sup></b>	-	105	■			
Honey yield	-	112	■			0.4
Defensive behavior	4	111	■			0.5
Steadiness on comb	4	113	■			0.5
Swarming drive	4	100	■			0.41
Varroa	-	(95)	■			0.34
Performance index	-	110	■			0.4
Robustness in winter	4		70%	100%	170%	
Development in Spring	4					
Colony strength	4					

<sup>1</sup>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 A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

# Breeding selection report DE-15-228-1-2019-K

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### Performance of the sisters

Amount of checked sisters: 11

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 index
DE-15-53-27-2019	DE-15-53	1	102		108		Behavior		105		105	96	104
DE-15-53-35-2019	DE-15-53	1	101		111		104		105		95	95	104
DE-15-53-36-2019	DE-15-53	1	102		105		105		107		99	97	105
DE-15-53-37-2019	DE-15-53	1	102		110		106		106		99	95	106
DE-15-53-40-2019	DE-15-53	1	104		111		106		106		99	97	106
DE-15-53-41-2019	DE-15-53	1	101		105		104		105		99	96	103
DE-15-53-43-2019	DE-15-53	1	101		110		102		103		99	95*	104
DE-15-53-46-2019	DE-15-53	1	100		101		105		105		100	93	103
DE-15-53-44-2019	DE-15-69	1	99		106		103		104		98	92	103
DE-15-228-1-2019-K	DE-15-228	1	105	93	112	4	111	4	113	4	100	(95)	110
DE-15-228-2-2019	DE-15-228	1	99	34	101	3.3	101	3	101	3.8	97	(95)	100

Only one Varroa trait was recorded