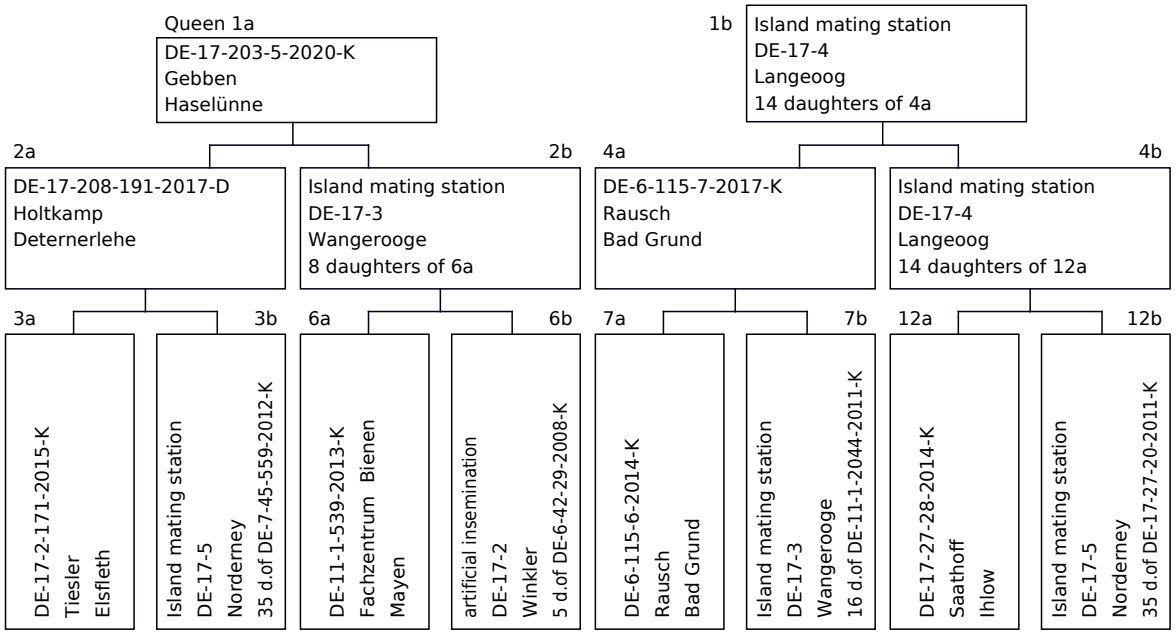
Breeding selection report
DE-17-203-5-2020-K

Tester of the queen:	Macha, Georg, 28790 Schwanewede, DE-17-85, Apiary 3	
Breeder of the queen:	Gebben, Georg, 49470 Haselünne, DE-17-203	
1a Studbook number:	**DE-17-203-5-2020-K**	
		Daughters of
Race line: -23	Sign: blue 21	Queen: 2.3%
Generation: 0	Hatch date: 20.05.2020	Workers: 3.2%

A. Pedigree



B. Own performance

	No. of the colony 21			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
Performance test year	18	94.7	5	10	19

	Assessment*	Breeding values	Reliability
Total breeding value[1]	-	107	
Honey yield	-	98	0.5
Defensive behavior	3	111	0.59
Steadiness on comb	3.50	117	0.58
Swarming drive	3	107	0.55
Varroa	-	100	0.56
Performance index	-	110	0.5
Robustness in winter	2.50		
Development in Spring	3		
Colony strength	3		

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.

12.07.2024

For the correctness DE-17

Breeding selection report DE-17-203-5-2020-K

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Performance of the sisters

Amount of checked sisters: 4

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-17-203-1-2020	DE-17-85	2	100	10	94	3	103	3	106	2	99	97	101
DE-17-203-2-2020	DE-17-85	2	101	13	96	3	103	3	106	2.5	103	98	102
DE-17-203-4-2020	DE-17-85	3	103	15	96	3	105	3	107	2.5	102	101	103
DE-17-203-5-2020-K	DE-17-85	3	107	18	98	3	111	3.5	117	3	107	100	110