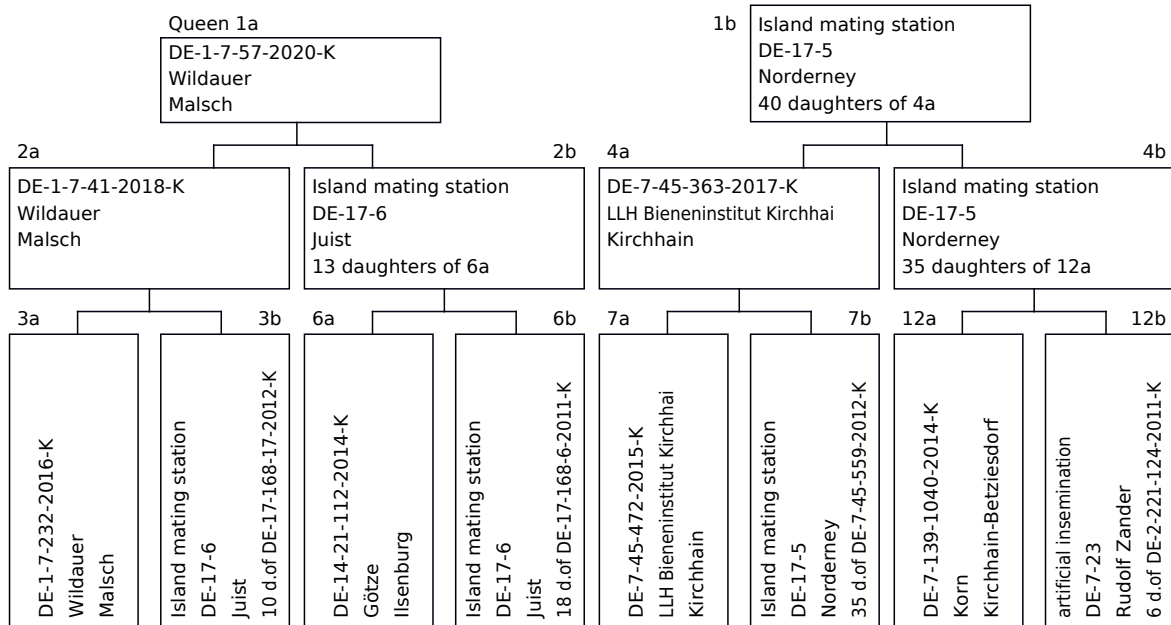




Tester of the queen: Wilddauer, Roswitha, 76316 Malsch, DE-1-7, Apiary 1
 Breeder of the queen: Wilddauer, Roswitha, 76316 Malsch, DE-1-7
1a Studbook number: **DE-1-7-57-2020-K**

Race line: -SkI G10 Sign: blue /11 Daughters of Queen: 6.0%
 Generation: 2 Hatch date: 09.06.2020 Workers: 0.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 14			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	13	85.9	11	15	15.1
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	113			
Honey yield	-	105			0.41
Defensive behavior	3.80	111			0.5
Steadiness on comb	3.70	108			0.5
Swarming drive	4	102			0.46
Varroa	-	115			0.47
Performance index	-	107			0.41
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
Colony strength	4				

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 Av

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

Breeding selection report DE-1-7-57-2020-K

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Performance of the sisters

Amount of checked sisters: 14

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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-1-7-55-2020-K	DE-1-7	1	110	16	108	3.8	108	3.7	108	4	108	109	108
DE-1-7-57-2020-K	DE-1-7	1	113	13	105	3.8	111	3.7	108	4	102	115	107
DE-1-7-59-2020	DE-1-7	1	110	14	105	3.7	110	3.6	107	4	102	111	107
DE-1-7-60-2020	DE-1-7	1	109	15	105	3.4	103	2.8	98	4	100	114	102
DE-1-7-64-2020	DE-1-7	1	109	24	114	3.4	103	3.1	100	4	100	110	105
DE-1-7-65-2020	DE-1-7	1	106		(104)	3	100	3	98		(97)	(111)	100
DE-1-7-74-2020	DE-1-7	1	113	15	107	3.6	109	3.6	106	4	102	115	107
DE-1-7-75-2020	DE-1-7	1	107	15	106	3.2	103	3.1	100	4	100	109	102
DE-1-7-76-2020	DE-1-7	1	112	17	108	3.6	107	3.4	104	4	101	114	106
DE-1-7-77-2020	DE-1-7	1	109	17	109	3.8	110	3.6	107	4	102	105	108
DE-1-7-81-2020	DE-1-7	1	108	16	107	3.4	104	3	99	4	100	111	103
DE-1-7-83-2020	DE-1-7	1	111		(107)	4	111	3.5	107		(101)	(111)	108
DE-1-7-70-2020	DE-1-143	1	109		103		107		104		97	113	103
DE-1-7-73-2020	DE-1-143	1	104		110		103		101		84	108	99