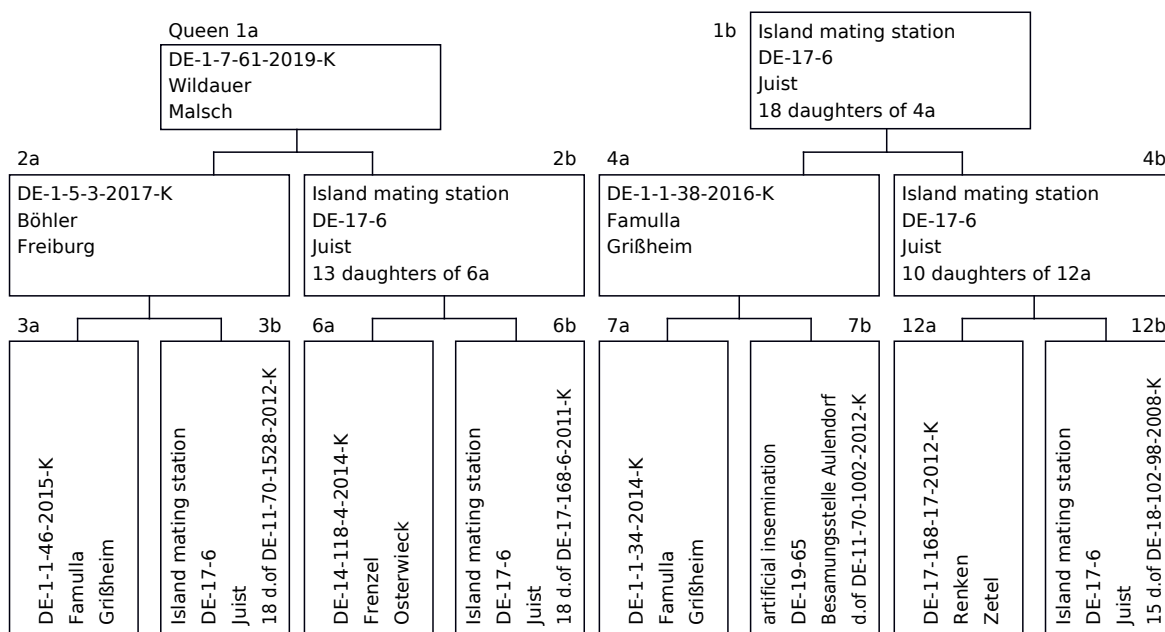




Tester of the queen: Wildauer, Roswitha, 76316 Malsch, DE-1-7, Apiary 1
 Breeder of the queen: Wildauer, Roswitha, 76316 Malsch, DE-1-7
1a Studbook number: **DE-1-7-61-2019-K**

Race line: -Ca-Skl47/G10 Sign: green grü Daughters of Queen: 5.4%
 Generation: 1 Hatch date: 10.06.2019 Workers: 6.1%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 3			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	59	119.8	3	12	49.3	
	Assessment*	Breeding values				Reliability
Total breeding value¹	-	113				
Honey yield	-	115				0.5
Defensive behavior	3.50	117				0.58
Steadiness on comb	3.50	114				0.58
Swarming drive	4	105				0.5
Varroa	-	104				0.53
Performance index	-	115				0.5
Robustness in winter	4		70%	100%	170%	
Development in Spring	4					
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 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-1-7-61-2019-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	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-1-5-11-2019	DE-1-7	1	104	34	106	3.4	109	3.2	110	2	105	97	107
DE-1-7-51-2019	DE-1-7	1	109	43	110	3.4	117	3.5	113	4	105	99	113
DE-1-7-54-2019	DE-1-7	1	109	33	106	3.3	114	3.2	110	4	105	102	110
DE-1-7-61-2019-K	DE-1-7	1	113	59	115	3.5	117	3.5	114	4	105	104	115
DE-1-7-64-2019	DE-1-7	1	112	58	114	3.5	117	3.4	113	4	105	105	114
DE-1-29-12-2019-K	DE-1-29	1	114		116		120		116		107	105*	117
DE-1-29-13-2019	DE-1-29	1	113		115		120		116		107	102*	117
DE-1-29-15-2019	DE-1-29	1	111		115		116		114		107	101*	115
DE-1-29-16-2019	DE-1-29	1	108		113		113		109		106	98*	112
DE-1-29-19-2019	DE-1-29	1	108		113		113		109		101	(101)	110
DE-1-29-21-2019	DE-1-29	1	109		112		113		109		103	103*	111
DE-1-29-24-2019	DE-1-29	1	109		114		113		109		103	(101)	112
DE-1-7-55-2019	DE-1-43	1	108		107		115		110		104	100	110
DE-1-7-57-2019	DE-1-43	1	109		110		115		111		104	102	112
DE-1-43-10-2019	DE-1-43	1	109		110		115		111		104	101	112
DE-1-43-15-2019	DE-1-43	1	108		109		116		110		101	101	110

Only one Varroa trait was recorded