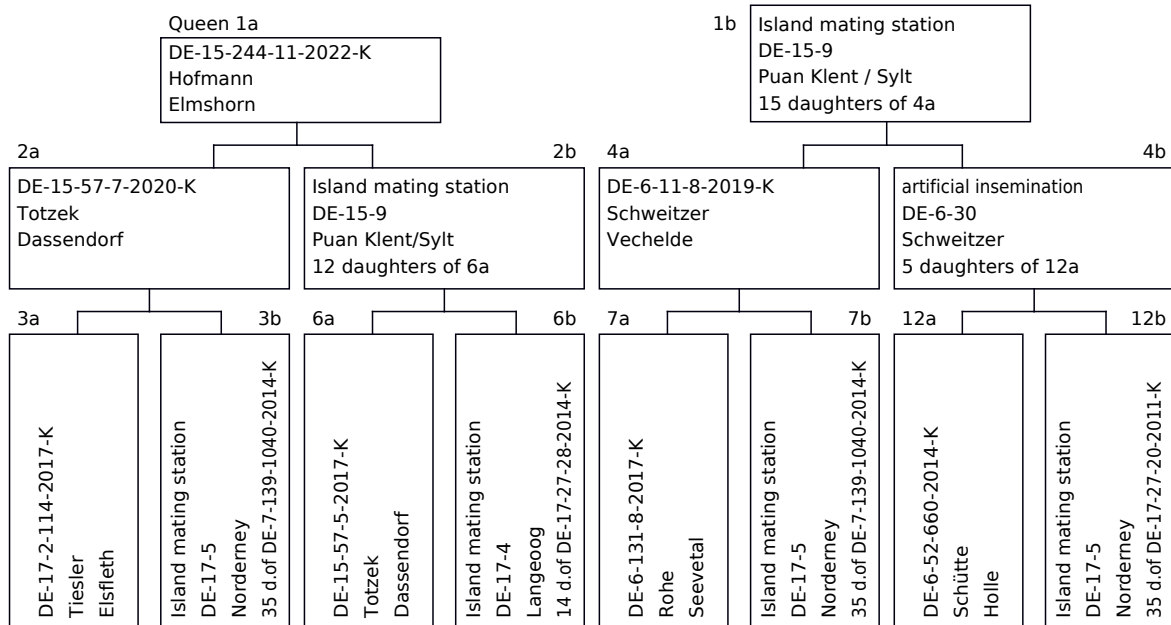


Tester of the queen: Hofmann, Matthias, 25336 Elmshorn, DE-15-244, Apiary 3
 Breeder of the queen: Hofmann, Matthias, 25336 Elmshorn, DE-15-244
1a Studbook number: **DE-15-244-11-2022-K**

Race line: -Peschetz Tiesler Sign: yellow 90 Daughters of Queen: 6.1%
 Generation: Hatch date: 19.05.2022 Workers: 6.7%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 132			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	55.9	121	2	7	46.2
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	117			
Honey yield	-	110			
Defensive behavior	3.50	110			
Steadiness on comb	3.50	111			
Swarming drive	3.50	113			
Varroa	-	116*			
Performance index	-	113			
Robustness in winter	3	70% 100% 170%			
Development in Spring	3				
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%.

Only one Varroa trait was recorded

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-15-244-11-2022-K

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Performance of the sisters

Amount of checked sisters: 27

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-15-57-17-2022-K	DE-15-57	1	114		112		109		109		110	111	112
DE-15-57-18-2022	DE-15-57	1	109		108		105		107		110	105	109
DE-15-57-19-2022	DE-15-57	1	108		102		106		107		108	105	107
DE-15-57-20-2022	DE-15-57	1	109		104		107		107		110	106	108
DE-15-57-31-2022	DE-15-57	1	111		110		108		109		110	106	111
DE-15-57-32-2022	DE-15-57	1	111		108		107		107		110	107	110
DE-15-168-9-2022-K	DE-15-168	1	113		106		106		107		109	113	108
DE-15-168-10-2022	DE-15-168	1	112		105		106		107		109	111	108
DE-15-168-12-2022	DE-15-168	1	107		103		107		108		109	102	108
DE-15-168-13-2022	DE-15-168	1	105		102		107		108		109	98	108
DE-15-168-14-2022	DE-15-168	1	106		102		107		108		109	101	108
DE-15-168-17-2022	DE-15-168	1	113		110		107		107		109	112	110
DE-15-244-9-2022	DE-15-244	3	105	13.6	101	3.3	107	3.3	108	2.8	107	100*	107
DE-15-244-10-2022	DE-15-244	3	107	55.7	108	3.3	105	3	105	3	108	102*	108
DE-15-244-11-2022-K	DE-15-244	3	117	55.9	110	3.5	110	3.5	111	3.5	113	116*	113
DE-15-244-13-2022-K	DE-15-244	3	117	59.2	110	3.5	110	3.5	111	3.5	113	116*	113
DE-15-244-14-2022	DE-15-244	3	106	48.4	107	3	104	3.3	106	3	108	101*	108
DE-15-244-15-2022	DE-15-244	3	112	39.4	105	3	105	3.3	107	3	108	114*	107
DE-15-244-16-2022	DE-15-244	3	105	51.2	107	3.3	105	3	105	2.8	106	100*	107
DE-15-245-1-2022	DE-15-245	1	107		104		103		103		107	(107)	105
DE-15-245-2-2022	DE-15-245	1	109		107		105		106		108	(107)	108
DE-15-245-3-2022	DE-15-245	1	108		103		105		105		108	(107)	106
DE-15-245-4-2022-K	DE-15-245	1	113		111		111		112		112	106	114
DE-15-245-5-2022	DE-15-245	1	110		105		107		108		108	(107)	108
DE-15-245-6-2022	DE-15-245	1	108		106		103		105		107	(107)	106
DE-15-245-7-2022	DE-15-245	1	109		104		106		107		109	(107)	108
DE-15-245-8-2022-K	DE-15-245	1	114		113		112		113		113	107	115

Only one Varroa trait was recorded