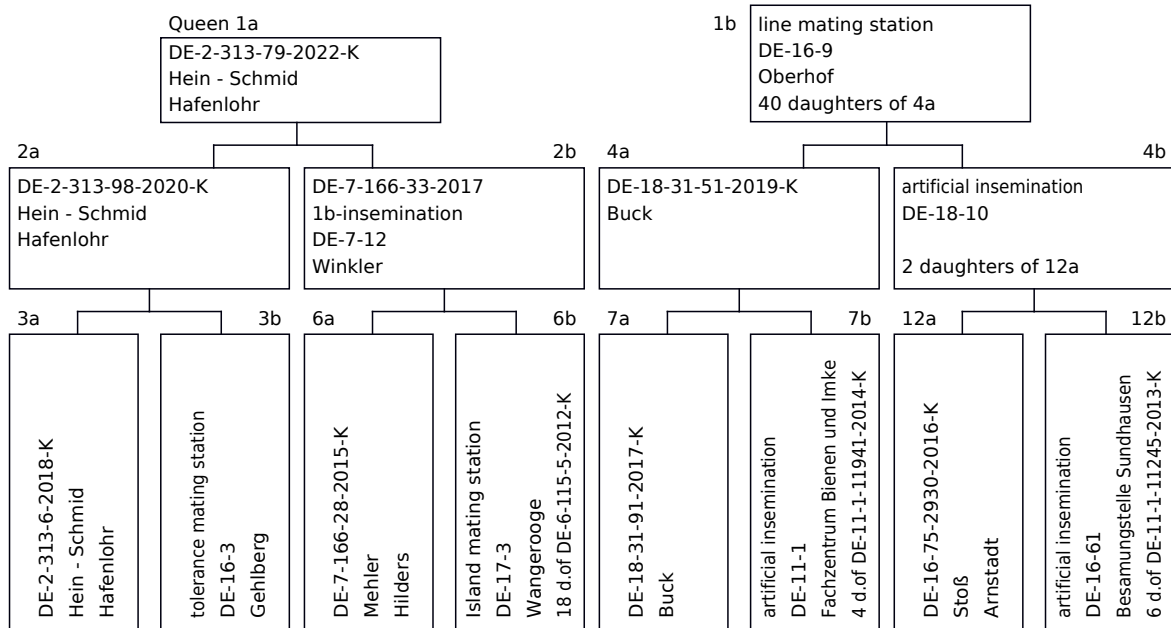


Tester of the queen: Hein - Schmid, Trixi, 97840 Hafenlohr, DE-2-313, Apiary 2
 Breeder of the queen: Hein - Schmid, Trixi, 97840 Hafenlohr, DE-2-313
1a Studbook number: **DE-2-313-79-2022-K**








Race line: Sign: yellow 79
 Generation: 2 Hatch date: 01.06.2022

Daughters of Queen: 1.6%
 Workers: 2.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 3			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	31.7	134.8	2	8	23.5	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	112				
Honey yield	-	102				0.49
Defensive behavior	3.50	113				0.58
Steadiness on comb	3.60	110				0.59
Swarming drive	4	107				0.54
Varroa	-	110				0.56
Performance index	-	109				0.49
Robustness in winter	3					
Development in Spring	3					
Colony strength	3.50					

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-2-313-79-2022-K

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Performance of the sisters

Amount of checked sisters: 5

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 ndex
DE-2-313-79-2022-K	DE-2-313	2	112	31.7	102	3.5	113	3.6	110	4	107	110	109
DE-2-313-81-2022-K	DE-2-313	2	112	53.7	105	4	116	3.6	inspection 111	4	108	108	112
DE-2-313-84-2022	DE-7-322	1	111		104		113		110		106	108	109
DE-2-313-85-2022	DE-19-346	1	113		101		113		113		108	111	110
DE-2-313-88-2022	DE-19-346	1	112		99		111		109		107	112	108