

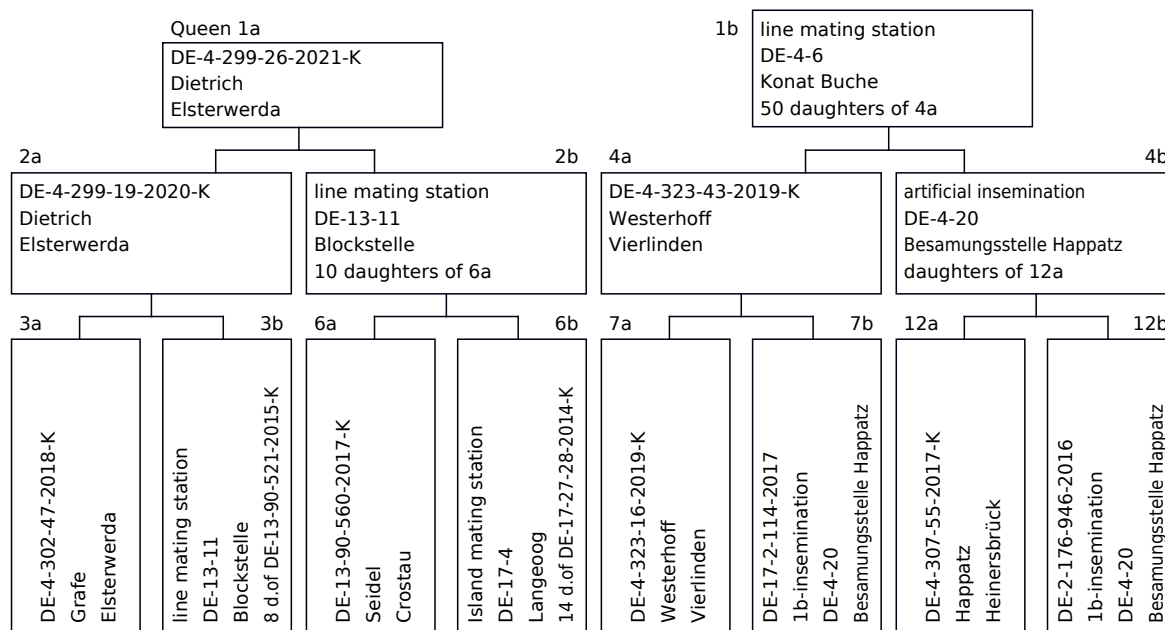
Breeding selection report

DE-4-299-26-2021-K

Tester of the queen: Dietrich, Ronald, 04910 Elsterwerda, DE-4-299, Apiary 2
Breeder of the queen: Dietrich, Ronald, 04910 Elsterwerda, DE-4-299
1a Studbook number: **DE-4-299-26-2021-K**

Race line: -Car Sign: white Daughters of Queen: 3.0%
Generation: 6 Hatch date: 11.07.2021 Workers: 2.5%

A. Pedigree



B. Own performance

3. Own performance	No. of the colony			comparable colonies at the apiary						
	kg	%	Ranking	number		Yield average kg				
Performance test year	72	112	3	7		64.3				
	Assessment*	Breeding values							Reliability	
Total breeding value ¹	-	112								
Honey yield	-	122								0.3
Defensive behavior	3	114								0.37
Steadiness on comb	3	111								0.38
Swarming drive	4	111								0.28
Varroa	-	(102)								0.27
Performance index	-	117								0.3
Robustness in winter	3.50	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								
Development in Spring	4									
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 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-4-299-26-2021-K

Page 2

Performance of the sisters

Amount of checked sisters: 6

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-4-299-26-2021-K	DE-4-299	2	112	72	122	3	114	3	111	4	111	(102)	117
DE-4-299-37-2021	DE-4-299	2	112	65.4	120	3	114	3	112	4	110	(102)	116
DE-4-299-49-2021-K	DE-4-299	2	115	72.5	123	3	119	3.5	117	4	113	(102)	120
DE-4-299-55-2021	DE-4-299	2	114	56.3	119	3	119	3.5	117	4	112	(102)	119
DE-4-299-57-2021	DE-4-299	2	113	80.1	124	3	114	3	111	4	111	(102)	117
DE-4-299-58-2021	DE-4-299	2	106	49.4	115	3	104	2	100	4	106	(102)	107