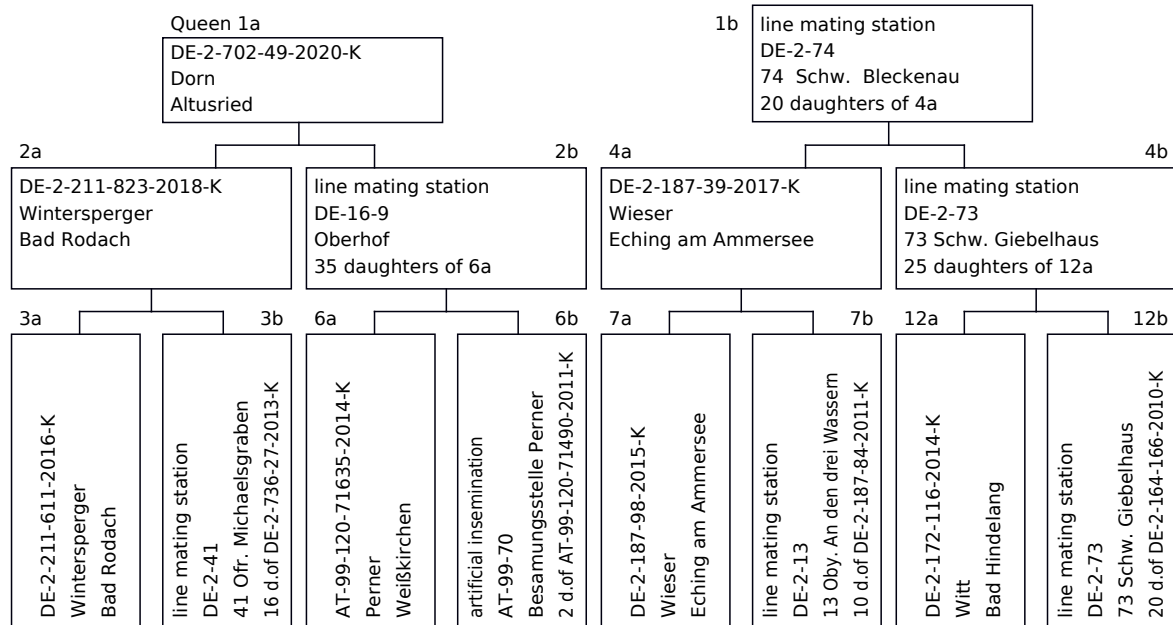


Tester of the queen: Fischer, Johann, 87600 Kaufbeuren, DE-2-703, Apiary 1
 Breeder of the queen: Dorn, Josef, 87452 Altusried, DE-2-702
1a Studbook number: **DE-2-702-49-2020-K**

Race line: -15 Sign: blue 79 Daughters of Queen: 0.2%
 Generation: 0 Hatch date: Workers: 1.2%

A. Pedigree



B. Own performance

Performance test year	No. of the colony 29			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	14.4	139.2	4	19	10.3
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	113			
Honey yield	-	118			0.45
Defensive behavior	3.50	109			0.55
Steadiness on comb	3.20	108			0.54
Swarming drive	4	120			0.42
Varroa	-	103			0.46
Performance index	-	116			0.45
Robustness in winter			70%	100%	170%
Development in Spring					
Colony strength					

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-2-702-49-2020-K

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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 Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-2-702-51-2020	DE-2-211	3	108		110		109		108		120	102	109
DE-2-702-53-2020	DE-2-211	3	109		111		102		109		120	105	109
DE-2-702-70-2020	DE-2-702	1	113		112		110		108		119	106*	114
DE-2-702-58-2020	DE-2-702	2	114		115		110		107		120	107*	115
DE-2-702-49-2020-K	DE-2-703	1	113	14.4	118	3.5	109	3.2	108	4	120	103	116
DE-2-702-60-2020	DE-2-703	1	110	7.9	113	3.5	109	3	107	4	119	101	114

Only one Varroa trait was recorded