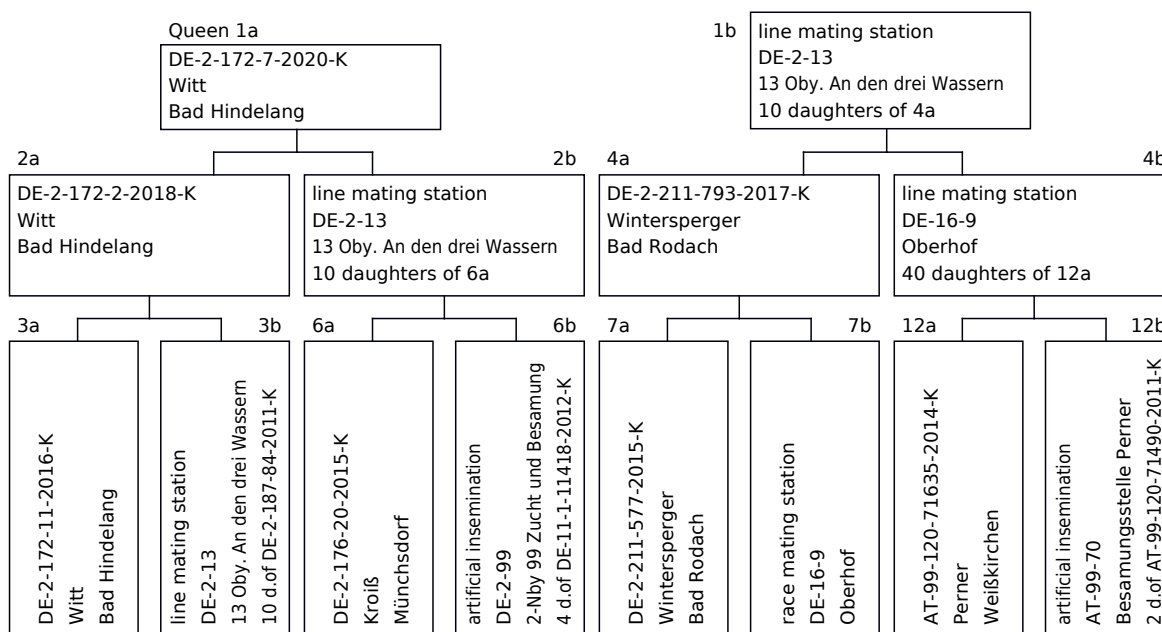


Tester of the queen: Witt, Hans Bernhard, 87541 Bad Hindelang, DE-2-172, Apiary 1
 Breeder of the queen: Witt, Hans Bernhard, 87541 Bad Hindelang, DE-2-172
1a Studbook number: **DE-2-172-7-2020-K**

Race line: -1 Sign: blue Daughters of Queen: 1.2%
 Generation: 7 Hatch date: 15.06.2020 Workers: 0.9%

A. Pedigree



B. Own performance

Performance test year	No. of the colony			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	28	177.9	1	19	15.7
	Assessment*	Breeding values			Reliability
Total breeding value¹	-	119			
Honey yield	-	120			0.35
Defensive behavior	3.80	121			0.44
Steadiness on comb	4	122			0.44
Swarming drive	4	117			0.33
Varroa	-	(107)			0.3
Performance index	-	123			0.35
Robustness in winter	4		70%	100%	170%
Development in Spring	4				
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%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

none Analysis of race characteristics

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-2-172-7-2020-K

Page 2

Performance of the sisters

Amount of checked sisters: 10

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-2-172-1-2020	DE-2-172	1	114	18	114	3	114	3.5	117	4	116	(107)	116
DE-2-172-2-2020	DE-2-172	1	115	16	113	3.5	117	3.5	117	4	114	(107)	118
DE-2-172-3-2020	DE-2-172	1	117	15	113	3.6	120	4	122	4	116	(107)	121
DE-2-172-4-2020	DE-2-172	1	117	13	111	3.8	121	3.8	121	4	116	(107)	120
DE-2-172-5-2020	DE-2-172	1	118	21	116	3.8	121	3.8	121	4	116	(107)	121
DE-2-172-6-2020	DE-2-172	1	118	15	113	3.8	122	4	123	4	116	(107)	121
DE-2-172-7-2020-K	DE-2-172	1	119	28	120	3.8	121	4	122	4	117	(107)	123
DE-2-172-8-2020	DE-2-172	1	117	14	112	3.4	119	4	121	4	116	(107)	120
DE-2-172-9-2020	DE-2-172	1	114	6	107	3.4	117	3.5	117	4	113	(107)	116
DE-2-172-10-2020	DE-2-172	1	113	5	106	3.6	116	3	113	4	112	(107)	113