

Comparison of Kentucky Key Cannabinoid, Fiber, and Grain Varieties on Texas Dept. of Agriculture 2020 Approved List

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Explanation: See end notes, page 3. Kentucky has 100+ cannabinoid varieties with minimal THC concerns that are also approved by TX Dept. of Agric.

CANNABINOID Variety Name <small>(These varieties are approved by TX Dept. of Ag.)</small>	KENTUCKY Dept. of Agriculture Status January 2020	Hemp Market	Country of Origin	Maximum Recorded % THC	THC Concentration (%)			<i>The three previous columns combined = total # of tested samples.</i>
					≤0.3000%	0.3001 to 0.3999%	≥0.4000%	
					Number of Results			Notes
00 Cherry Wine	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				
ACDC	PROHIBITED	Cannabinoid	U.S.	No test data reported, 2017-2019				
BaOx (also 'Boax' in TX)	Variety of Concern	Cannabinoid	U.S.	0.987	100	25	9	136 total tests.
BaOx x Autoflower	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				
Berry Blossom	Variety of Concern	Cannabinoid	U.S.	0.509	34	7	5	46 total tests.
Blue Haze (?)	Variety of Concern	Cannabinoid	U.S.	0.564	9	1	1	Blue Maze in KY
Carolina Dream	Variety of Concern	Cannabinoid	U.S.	0.357	1	1	0	Only 2 total tests.
Cat's Meow	PROHIBITED	Cannabinoid	U.S.	No test data reported, 2017-2019				
CBDawg(?)	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				CBDawgL in KY
Cherry	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				
Cherry Blossom	Variety of Concern	Cannabinoid	U.S.	0.641	22	14	4	40 total tests.
Cherry Wine	Variety of Concern	Cannabinoid	U.S.	2.718	82	25	23	140 total tests.
Fall Bloom	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				
Franklin	Variety of Concern	Cannabinoid	U.S.	1.243	71	9	6	
Frosted Lime	Variety of Concern	Cannabinoid	U.S.	0.565	11	4	3	
Hawaiian Haze	Variety of Concern	Cannabinoid	U.S.	0.401	0	0	1	
Hempress	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				
Late Sue (?)	Variety of Concern	Cannabinoid	U.S.	0.963	29	5	0	Late Sue-1 in KY
Merlot (?)	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				Merlot D in KY
?? Midwest (a variety in Kentucky was tested as 'Midwest Strain' which is a Variety of Concern ; 0.556% max THC; 58/27/6)								
Mountain Mango	Variety of Concern	Cannabinoid	U.S.	0.302	1	1	0	
?? Northwest (a variety in Kentucky was tested as 'Northwest Strain' which is a Variety of Concern ; 0.510% max THC; 17/17/3)								
Otto	Variety of Concern	Cannabinoid	U.S.	0.514	29	5	2	
Otto II Stout	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				Otto 2 Stout in KY
RN-13	Variety of Concern	Cannabinoid	U.S.	0.414	0	0	1	
Siskiyou Gold	Variety of Concern	Cannabinoid	U.S.	0.487	19	10	11	
Stormy Daniels	Variety of Concern	Cannabinoid	U.S.	0.395	0	2	0	
Suver Haze	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				
T1 (Trump 1)	Variety of Concern	Cannabinoid	U.S.	2.444	169	82	43	Labeled only as T1 in KY
T2 (Trump 2)	Variety of Concern	Cannabinoid	U.S.	0.391	3	2	0	Labeled only as T2 in KY
The Wife	Variety of Concern	Cannabinoid	U.S.	0.374	1	1	0	
Wild Bourbon	PROHIBITED	Cannabinoid	U.S.	Last tested in 2019.				

ALL FIBER VARIETIES EVALUATED IN KENTUCKY THAT ARE TEXAS DEPT. OF AGRICULTURE APPROVED VARIETIES

FIBER Variety Name (These varieties are approved by TX Dept. of Ag.)	KENTUCKY Dept. of Agriculture Status January 2020	Hemp Market	Country of Origin	Maximum Recorded % THC	THC Concentration (%)			<i>The three previous columns combined = total # of tested samples.</i>
					≤0.3000%	0.3001 to 0.3999%	≥0.4000%	
					Number of Results			Notes
837MC	Approved	Fiber	Australia	0.054	1	0	0	1 total sample.
862MC	Approved	Fiber	Australia	0.054	1	0	0	
887MC	Approved	Fiber	Australia	0.085	1	0	0	
Carmagnola	Variety of Concern	Fiber	Italy	0.861	4	0	1	5 total samples.
Carmagnola Selezionata	Variety of Concern	Fiber	Italy	0.742	4	0	2	
CHG	Variety of Concern	Fiber	Australia	0.749	14	3	2	
CHY	Variety of Concern	Fiber	Australia	0.465	18	6	2	26 total samples.
Eletta Campana	Approved	Fiber	Italy	0.097	10	0	0	
Fibranova	Approved	Fiber	Italy	0.101	21	0	0	
Futura 75	Approved	Fiber	Italy, German	0.143	7	0	0	
Helena	Approved	Fiber	Serbia	0.128	9	0	0	
MS77	Variety of Concern	Fiber	Australia	0.355	1	1	0	
PR 13	Approved	Fiber	Australia	0.103	3	0	0	
Santhica 27	Approved	Fiber	France	0.005	1	0	0	
SS Beta	Approved	Fiber	China	0.089	1	0	0	
Tygra	Variety of Concern	Fiber	Poland, Italy	0.472	23	0	2	

ALL GRAIN VARIETIES EVALUATED IN KENTUCKY THAT ARE TEXAS DEPT. OF AGRICULTURE APPROVED VARIETIES

GRAIN Variety Name (These varieties are approved by TX Dept. of Ag.)	KENTUCKY Dept. of Agriculture Status January 2020	Hemp Market	Country of Origin	Maximum Recorded % THC	THC Concentration (%)			The three previous columns combined = total # of tested samples.
					≤0.3000%	0.3001 to 0.3999%	≥0.4000%	
					Number of Results			Notes
Canda	Approved	Grain	Canada	0.022	2	0	0	2 total samples.
CFX-1	Approved	Grain	Canada	0.019	1	0	0	1 total sample.
CFX-2	Approved	Grain	Canada	0.115	3	0	0	3 total samples.
CRS-1	Approved	Grain	Canada	0.046	3	0	0	
Delores	Approved	Grain	Canada	0.040	1	0	0	
Finola	Approved	Grain	Canada	0.064	1	0	0	
Georgina	Approved	Grain	Canada	0.040	1	0	0	
Grandi	Approved	Grain	Canada	0.090	2	0	0	
Katani	Approved	Grain	Canada	0.057	1	0	0	
Piccolo	Approved	Grain	Canada	0.212	1	0	0	
USO 31	Approved	Grain	Italy, Lithuania	0.005	1	0	0	
X-59	Approved	Grain	Canada	0.033	5	0	0	
Zolotonosha 15	Approved	Grain	Ukraine	0.005	1	0	0	

Notes:

In January 2020 Kentucky Dept. of Agriculture posted their summary of hemp varieties grown in Kentucky that have been tested for THC.

The report is online at https://www.kyagr.com/marketing/documents/HEMP_LH_Summary_of_Varieties_List_2019.pdf

Due to THC concentrations several varieties grown in Kentucky are listed as 'Prohibited' or 'Variety of Concern.' This list provides:

- 1) results of all Kentucky CANNABINOID varieties rated Prohibited or Variety of Concern that are ALSO on the 4/30/2020 Texas Dept. of Agriculture list of Approved varieties. See https://www.texasagriculture.gov/Portals/0/forms/COMM/Hemp/TDA_Approved_Hemp_Varieties_04-30-20.pdf
- 2) results of all Kentucky fiber varieties that are ALSO on the TDA list of Approved varieties, regardless of any potential restrictions.
- 3) results of all Kentucky GRAIN varieties that are ALSO on the TDA list of Approved varieties (no potential restrictions).

Required field THC tests before harvest in Kentucky reporting %THC >0.300% could be due to individual samples that A) were from impure planting seed or stock contaminated with varieties higher in THC; B) fields that waited too long to harvest and thus had high THC; C) some varieties truly are genetically prone to produce higher THC. The Kentucky testing does not distinguish between these three factors.

For a full discussion see the April newsletter item in the AgriLife Soil & Crop Sciences "Texas Row Crops Newsletter, " <https://agrilife.org/texasrowcrops/current-news/> (to be posted by May 1).