



Hemp Program Summary of Varieties: Including Varieties of Concern and Prohibited Varieties

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License holders should review this document before purchasing seed or planting materials. This document provides important guidance for growers based on past THC test results from crops grown in Kentucky. Provided here is a list of all hemp varieties, strains or cultivars that have been approved for use in the Kentucky hemp program. This list contains *Prohibited Varieties* and *Varieties of Concern*, as well as testing data on all other varieties that have been grown and tested in Kentucky since 2017. *Prohibited Varieties* have been proven not to be hemp and are not allowed to be grown in Kentucky. Any variety or strain of hemp not listed in this document requires the submission of the *New Hemp Variety or Strain Request* form and pre-approval from KDA before it can be grown in Kentucky.

Hemp is defined in state and federal law as “the plant *Cannabis sativa L.* and any part of that plant, including the seeds thereof and all derivatives, extracts, cannabinoids, isomers, acids, salts, and salts of isomers, whether growing or not, with a delta-9 tetrahydrocannabinol [THC] concentration of not more than 0.3 percent on a dry weight basis.” The measurement of the THC concentration includes both delta-9 THCa and delta-9 THC (often referred to as total THC).

302 KAR 50 provides the following definitions:

- (33) “*Prohibited Variety*” means a variety or strain of cannabis excluded from the Hemp Licensing Program.
- (44) “*Variety of Concern*” means any variety of hemp that tests above 0.3000% delta-9-THC in one (1) or more pre-harvest samples. A hemp variety designated as a “variety of concern” could be subject to restrictions and additional testing.

Production of Phytocannabinoids (Cannabinoids) in Floral Material

In recent years, an increasing percentage of the reported acreage planted in Kentucky has been focused on phytocannabinoid production. Phytocannabinoids are a broad class of chemicals or compounds produced primarily in the floral material of the plant; these include THC and other compounds of nutraceutical interest such as cannabidiol (CBD) and cannabigerol (CBG). Current scientific evidence suggests that phytocannabinoids accumulate proportionally, therefore, as growers strive to increase the hemp plant’s production of CBD or other phytocannabinoids, there is concern that THC levels may increase above the legal limit for hemp. The Department remains committed to managing its program so that growers produce hemp that meets the legal definition of “hemp” in KRS 260.850(5). To that end, the Department publishes this list to help growers plan their future activities in

the Hemp Licensing Program. Be advised that virtually all high-CBD (and CBG) strains of hemp have the potential to test above the legal limit of THC if allowed to fully mature.

Reproduction by Seeds

Purchase seeds from a reputable source offering certified seed if available. Testing data in recent years has suggested that uncontrolled or unintended pollination of clonal female hemp plants will often produce seeds that result in non-compliant cannabis plants in the next generation. Most of the THC test results above 1% in 2020 were found to be crops produced from seeds that were obtained from an unknown source or unexpected seeds saved from a previous year's crop. It is not advisable to use seeds saved from the previous year's crop, or to clone from volunteer plants.

Varieties of Concern (VOC)

The varieties or strains designated as a *Variety of Concern* (VOC) in the table on the following pages had at least one THC test result above 0.300%. Growers who are considering whether to use these varieties in the future should exercise caution and remain aware of the Department's *Varieties of Concern* designations. These varieties are at a higher risk for exceeding the THC limit that could lead to the ordered destruction of the crop. These designations are subject to change.

Prohibited Varieties

The varieties or strains of cannabis designated as *Prohibited Varieties* in the table below have been prohibited from use in Kentucky. A variety or strain of cannabis may be designated as a *Prohibited Variety* and excluded from the KDA Hemp Licensing Program if:

- a) more than 50% of Pre-Harvest Samples' test results for a given *Variety of Concern* are above 0.300% delta-9-THC,
- b) a Pre-Harvest test result is equal to or greater than 1% delta-9-THC, or
- c) publicly available information supports the fact that the variety or strain is marijuana.

For Varieties determined to be a *Prohibited Variety* (302 KAR 50):

A license holder shall not buy, sell, possess, or transfer seeds or propagules of any variety or strain designated as a Prohibited Variety on the department's published Summary of Varieties list.

New Varieties

The varieties or strains designated as *NEW* in the table below have been approved for entry into the Kentucky Hemp Program based on an out-of-state certificate of analysis submitted with a *New Hemp Variety or Strain Request* form, but the variety has not yet been grown to harvest or tested in Kentucky. These varieties are eligible to be grown in Kentucky without additional submissions of the *New Hemp Variety or Strain Request* form, but their performance is untested.

Additional Varieties/Strains

The varieties or strains listed in the table below without a designation produced acceptable THC test results and therefore are not currently designated as a *Prohibited Variety* or *Variety of Concern*.

	Variety / Strain (alphabetical)	KDA Designation	Type of Hemp (Fiber, Grain, Floral)	Country of Origin	Last Year Tested in KY	Maximum % THC	# Results ≤0.3000% THC	# Results 0.3001- .3999% THC	# Results ≥ 0.400 % THC
1	00 Cherry Wine	Prohibited Variety	Floral	U.S.A.	2019				
2	837MC	Variety of Concern	Fiber	Australia	2020	0.374	1	1	0
3	862MC		Fiber	Australia	2020	0.251	2	0	0
4	887MC		Fiber	Australia	2018	0.085	1	0	0
5	Abacus	Variety of Concern	Floral	U.S.A.	2021	0.508	1	1	3
6	AC1S1	Variety of Concern	Floral	U.S.A.	2019	1.285	8	0	1
7	AC4	Variety of Concern	Floral	U.S.A.	2019	0.316	2	2	0
8	ACDC	Prohibited Variety	Floral	U.S.A.					
9	Alpen Gleaux	Variety of Concern	Floral	U.S.A.	2021	0.508	1	1	3
10	Altair	NEW	Grain/Fiber	Canada	Approved New Variety 2020 - University Trials				
11	Anka	NEW	Grain/Fiber	Canada	Approved New Variety 2020 - University Trials				
12	Aquawoman		Floral	U.S.A.	2020	0.273	1	0	0
13	AR-4	Variety of Concern	Floral	U.S.A.	2019	0.445	0	0	1
14	Arizona Star	Variety of Concern	Floral	U.S.A.	2021	0.580	1	1	1
15	Auto Alpha		Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
16	Auto Bahn	Variety of Concern	Floral	U.S.A.	2021	0.343	0	2	0
17	Auto-CBD	Variety of Concern	Floral	U.S.A.	2021	0.305	2	1	0
18	Auto-CBG	Variety of Concern	Floral	U.S.A.	2021	0.433	1	0	1
19	Auto Glu		Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
20	Auto Pilot 1.0		Floral	U.S.A.	2019	0.193	5	0	0
21	Auto Tune	Variety of Concern	Floral	U.S.A.	2021	0.346	3	1	0
22	B-100	Variety of Concern	Floral	U.S.A.	2019	2.082	8	2	3
23	BaOx	Variety of Concern	Floral	U.S.A.	2021	1.593	189	76	80
24	Boax of Cherries	Variety of Concern	Floral	U.S.A.	2020	0.466	0	0	1
25	Baox x Autoflower	Prohibited Variety	Floral	U.S.A.	2019				
26	Baox x Otto II	Variety of Concern	Floral	U.S.A.	2021	0.658	1	0	1
27	BCHF	Variety of Concern	Floral	U.S.A.	2020	0.32	1	1	0
28	Berry Blossom	Variety of Concern	Floral	U.S.A.	2021	1.107	52	14	10
29	Bialobrzeskie		Fiber	Poland	2021	0.22	11	0	0
30	Blue Maze	Variety of Concern	Floral	U.S.A.	2019	0.564	9	1	1
31	Bluegrass Maze		Floral	U.S.A.	2019	0.106	1	0	0
32	BOR 1	Variety of Concern	Floral	U.S.A.	2020	0.553	0	0	1
33	Bragg CBG	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
34	Bragg Kush	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
35	Bottom Cherry	Variety of Concern	Floral	U.S.A.	2021	0.384	2	4	0
36	Brilliance	Variety of Concern	Floral	U.S.A.	2019	1.098	3	0	1
37	Bubba's Early Remedy	Prohibited Variety	Floral	U.S.A.	2021				
38	Bubba Kush	Prohibited Variety	Floral	U.S.A.					
39	Bubba Kush 1	Variety of Concern	Floral	U.S.A.	2021	0.538	8	3	1
40	Bubba Kush 12		Floral	U.S.A.	2020	0.284	1	0	0
41	Bubba Kush 42	Prohibited Variety	Floral	U.S.A.	2020				

	Variety / Strain (alphabetical)	KDA Designation	Type of Hemp (Fiber, Grain, Floral)	Country of Origin	Last Year Tested in KY	Maximum % THC	# Results ≤0.3000% THC	# Results 0.3001- .3999% THC	# Results ≥ 0.400 % THC
42	Bubba Kush 59	Variety of Concern	Floral	U.S.A.	2020	0.343	0	2	0
43	Bubbatonic		Floral	U.S.A.	2021	0.26	1	0	0
44	Budda's Hand	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
45	C4	Prohibited Variety	Floral	U.S.A.	2020				
46	Canda		Grain	Canada	2017	0.022	2	0	0
47	Carmagnola	Variety of Concern	Fiber	Italy	2019	0.861	4	0	1
48	Carmagnola Selezionata	Variety of Concern	Fiber	Italy	2019	0.742	4	0	2
49	Carmenecta	NEW	Grain/Fibe	Italy	Approved New Variety 2022 - University Trials				
50	Carolina	Variety of Concern	Floral	U.S.A.	2019	0.345	0	1	0
51	Carolina Cookies	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
52	Carolina Dream	Variety of Concern	Floral	U.S.A.	2020	0.357	2	1	0
53	Cat's Meow	Prohibited Variety	Floral	U.S.A.					
54	CBDawgL	Prohibited Variety	Floral	U.S.A.	2019				
55	CBDRx Cherry	Variety of Concern	Floral	U.S.A.	2020	0.803	160	75	55
56	CBG Berry	Variety of Concern	Floral	U.S.A.	2020	0.071	1	0	0
57	CBG Bliss	Prohibited Variety	Floral	U.S.A.	2020				
58	CBG Gold	Variety of Concern	Floral	U.S.A.	2020	0.359	8	1	0
59	CBG-1	Variety of Concern	Floral	U.S.A.	2020	0.372	1	1	0
60	CBG-2	Variety of Concern	Floral	U.S.A.	2021	0.527	9	3	2
61	CBGenius		Floral	U.S.A.	2020	0.088	3	0	0
62	CBG Limonene		Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
63	CBG Platinum		Floral	U.S.A.	2021	0.14	1	0	0
64	CBG Star	Variety of Concern	Floral	U.S.A.	2021	0.434	0	0	1
65	CBW2		Floral	U.S.A.	2021	0.201	4	0	0
66	CC	Variety of Concern	Floral	U.S.A.	2021	1.034	87	42	15
67	CFX-1		Grain	Canada	2017	0.019	1	0	0
68	CFX-2		Grain	Canada	2018	0.115	3	0	0
69	Chardonnay		Floral	U.S.A.	2019	0.261	3	0	0
70	Cherry	Prohibited Variety	Floral	U.S.A.	2019				
71	Cherry 2.0	Variety of Concern	Floral	U.S.A.	2019	0.304	4	1	0
72	Cherry Abacus	Variety of Concern	Floral	U.S.A.	2020	0.414	2	2	1
73	Cherry BD		Floral	U.S.A.	2019	0.179	3	0	0
74	Cherry Blossom	Variety of Concern	Floral	U.S.A.	2021	1.06	36	22	10
75	Cherry Chocolate Chip	Prohibited Variety	Floral	U.S.A.	2021				
76	Cherry Citrus	Variety of Concern	Floral	U.S.A.	2021	0.789	53	15	14
77	Cherry Dwarf	Variety of Concern	Floral	U.S.A.	2021	0.549	13	0	1
78	Cherry Hd	Variety of Concern	Floral	U.S.A.	2020	0.64	1	0	2
79	Cherry Sunrise	Variety of Concern	Floral	U.S.A.	2020	0.431	0	0	1
80	Cherry Wine	Variety of Concern	Floral	U.S.A.	2021	3.574	106	32	39
81	Cherry Wine 2.0	Variety of Concern	Floral	U.S.A.	2020	0.446	3	3	1
82	Cherry Wine-HGH	Variety of Concern	Floral	U.S.A.	2019	0.325	2	1	0

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83	Cherrywine Cross	Variety of Concern	Floral	U.S.A.	2020	1.314	3	0	2
84	CHG	Variety of Concern	Fiber	Australia	2018	0.749	14	3	2
85	CHY	Variety of Concern	Fiber	Australia	2018	0.465	18	6	2
86	Circles	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
87	Citrus Fire	Variety of Concern	Floral	U.S.A.	2019	0.493	18	3	1
88	CKS1	Variety of Concern	Floral	U.S.A.	2021	0.594	41	17	17
89	CKSA	Variety of Concern	Floral	U.S.A.	2021	0.478	18	11	4
90	CKSB	Variety of Concern	Floral	U.S.A.	2021	0.716	26	17	20
91	CKSC	Prohibited Variety	Floral	U.S.A.	2019				
92	CKSCX	Variety of Concern	Floral	U.S.A.	2021	0.619	25	9	8
93	CMT-CBX	Variety of Concern	Floral	U.S.A.	2021	0.432	7	4	2
94	Cobbler #8	Prohibited Variety	Floral	U.S.A.	2019				
95	Colorado Star	Variety of Concern	Floral	U.S.A.	2021	0.341	4	1	0
96	Compliance	Variety of Concern	Floral	U.S.A.	2021	3.101	2	4	2
97	Cope 30 Days B		Floral	U.S.A.	2020	0.248	2	0	0
98	CRS-1		Grain	Canada	2019	0.046	3	0	0
99	CW1A	Variety of Concern	Floral	U.S.A.	2018	0.343	14	3	0
100	CW2A	Variety of Concern	Floral	U.S.A.	2018	0.812	5	1	3
101	D-100	Variety of Concern	Floral	U.S.A.	2019	0.432	0	0	1
102	D-200	Variety of Concern	Floral	U.S.A.	2019	0.381	0	1	0
103	Delores		Grain	Canada	2017	0.04	1	0	0
104	Deni		Fiber	U.S.A.	2015	0.09%	1	0	0
105	Dion Hemp 4	Prohibited Variety	Floral	U.S.A.	2017				
106	Double Nickel 2	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
107	DP-1	Variety of Concern	Floral	U.S.A.	2020	0.376	1	1	0
108	Dream Tonic #5		Floral	U.S.A.	2019	0.174	1	0	0
109	Eclipse	Variety of Concern	Floral	U.S.A.	2020	0.632	4	2	3
110	Elektra or Electra	Prohibited Variety	Floral	U.S.A.	2019				
111	Eletta Campana		Fiber	Italy	2019	0.097	10	0	0
112	EliRae	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
113	Endurance	Variety of Concern	Floral	U.S.A.	2021	1.21	55	2	1
114	Endurance Cross		Floral	U.S.A.	2019	0.022	1	0	0
115	Enectarol	NEW	Floral Grain/Fiber	Italy	Approved New Variety 2020 - University Trials				
116	F02B01	Variety of Concern	Floral	U.S.A.	2019	0.386	6	1	0
117	F5		Floral	U.S.A.	2019	0.268	2	0	0
118	Fall Bloom	Prohibited Variety	Floral	U.S.A.	2019				
119	Fedora 17	NEW	Grain/Fibe	Switzerland	Approved New Variety 2022 - University Trials				
120	Felina 32		Grain	Germany	2018	0.07	4	0	0
121	Ferimon 12	NEW	Grain/Fibe	Europe	Approved New Variety 2022 - University Trials				
122	Fibranova		Fiber	Italy	2019	0.101	21	0	0
123	Fibror 79		Fiber	France	2021	0.085	1	0	0

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124	Finola		Grain	Canada	2017	0.064	1	0	0
125	FLM-34	Prohibited Variety	Floral	U.S.A.	2019				
126	Forbidden V Seedless		Floral	U.S.A.	2021	0.162	2	0	0
127	FP-Orange-1	Variety of Concern	Floral	U.S.A.	2019	0.504	7	7	6
128	Franklin	Variety of Concern	Floral	U.S.A.	2021	1.243	77	14	8
129	Franklin Cross		Floral	U.S.A.	2019	0.134	2	0	0
130	Frosted Lime	Variety of Concern	Floral	U.S.A.	2021	0.565	19	8	6
131	FROT	Variety of Concern	Floral	U.S.A.	2019	0.405	3	0	1
132	Futura 75		Fiber	Italy; Gern	2020	0.143	13	0	0
133	Futura 83	NEW	Grain/Fibe	France	Approved New Variety 2022 - University Trials				
134	Genesis AV1	Prohibited Variety	Floral	U.S.A.	2016				
135	Georgina		Grain	Canada	2017	0.04	1	0	0
136	GNO		Floral	U.S.A.	2020	0.251	1	0	0
137	Golden Redwood		Floral	U.S.A.	2020	0.175	3	0	0
138	Goliath	Variety of Concern	Floral	U.S.A.	2021	0.344	20	4	0
139	Grandi		Grain	Canada	2017	0.09	2	0	0
140	Grape Soda	Variety of Concern	Floral	U.S.A.	2021	0.365	3	1	0
141	G-Spot		Floral	U.S.A.	2021	0.094	1	0	0
142	H2 Cherry 1-6	Prohibited Variety	Floral	U.S.A.	2019				
143	H5 CBG		Floral	U.S.A.	2020	0.019	1	0	0
144	HanNE		Fiber	China	Not Yet Tested in Kentucky - Approved New Variety 2022				
145	Hawaiin Haze	Variety of Concern	Floral	U.S.A.	2021	1.147	8	8	8
146	Helena		Fiber	Serbia	2019	0.128	9	0	0
147	Hemp 2	Variety of Concern	Floral	U.S.A.	2019	0.311	0	1	0
148	Hempress	Prohibited Variety	Floral	U.S.A.	2019				
149	Henola	NEW	Grain	U.S.A.	Approved New Variety 2021 - University Trials				
150	Hercules	Variety of Concern	Floral	U.S.A.	2021	0.368	2	1	0
151	High Plains CBD Hash Plant	Prohibited Variety	Floral	U.S.A.	2019				
152	High Plains Early CBD Haze	Prohibited Variety	Floral	U.S.A.	2019				
153	High Plains Stray Kat	Prohibited Variety	Floral	U.S.A.	2019				
154	High Voltage	Prohibited Variety	Floral	U.S.A.	2020				
155	HK01	Variety of Concern	Floral	U.S.A.	2017	0.371	1	0	0
156	HK02	Variety of Concern	Floral	U.S.A.	2017	0.394	1	0	0
157	HK05		Floral	U.S.A.	2019	0.296	3	0	0
158	HK05S	Variety of Concern	Floral	U.S.A.	2018	1.178	4	0	1
159	HK06	Variety of Concern	Floral	U.S.A.	2017	0.524	16	40	18
160	HK07	Variety of Concern	Floral	U.S.A.	2017	0.368	1	1	0
161	HK08	Prohibited Variety	Floral	U.S.A.	2019				
162	HK09	Variety of Concern	Floral	U.S.A.	2018	0.368	1	1	0
163	HK12	Prohibited Variety	Floral	U.S.A.	2019				

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164	Hlesia	NEW	Grain/Fiber	Ukraine	Approved New Variety 2020 - University Trials				
165	Hliana	NEW	Grain/Fiber	Ukraine	Approved New Variety 2020 - University Trials				
166	Hlukhovski	NEW	Floral	Ukraine	Approved New Variety 2020 - University Trials				
167	Hope	Prohibited Variety	Floral	U.S.A.	2017				
168	Hot Blonde	Variety of Concern	Floral	U.S.A.	2021	0.388	3	5	0
169	HPCP CBC		Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
170	HS1	Variety of Concern	Floral	U.S.A.	2019	0.382	2	5	0
171	HS1 Cross		Floral	U.S.A.	2019	0.167	3	0	0
172	HS2	Variety of Concern	Floral	U.S.A.	2019	0.465	13	4	1
173	HS2 Cross	Variety of Concern	Floral	U.S.A.	2019	0.347	3	1	0
174	Hurricane Hemp, Florence 213	Prohibited Variety	Floral	U.S.A.	2019				
175	Hybrid #9		Floral	U.S.A.	2019	0.3	9	0	0
176	Jack-Pak		Floral	U.S.A.	2020	0.237	2	0	0
177	Jaded Fruit	Variety of Concern	Floral	U.S.A.	2021	0.433	0	2	1
178	JCM		Floral	U.S.A.	2019	0.253	4	0	0
179	Joey	NEW	Grain	U.S.A.	Approved New Variety 2020 - University Trials				
180	Katani		Grain	Canada	2017	0.057	1	0	0
181	KCC 20	Variety of Concern	Floral	U.S.A.	2019	0.363	2	1	0
182	KCC 1	Variety of Concern	Floral	U.S.A.	2018	0.213	5	0	0
183	KCC10	Variety of Concern	Floral	U.S.A.	2021	0.774	19	6	8
184	KCC 13		Floral	U.S.A.	2017	0.159	1	0	0
185	KCC 2	Variety of Concern	Floral	U.S.A.	2019	0.366	10	3	0
186	KCC3	Prohibited Variety	Floral	U.S.A.	2016				
187	KCC4		Floral	U.S.A.	2019				
188	Kentucky Flytrap	Variety of Concern	Floral	U.S.A.	2021	0.389	0	1	0
189	Kentucky Sunshine	Variety of Concern	Floral	U.S.A.	2021	0.91	32	15	6
190	Kentucky Woman (KGG1)	Variety of Concern	Floral	U.S.A.	2021	0.555	11	2	3
191	KHRD1		Floral	U.S.A.	2019	0.116	3	0	0
192	KHRD100		Floral	U.S.A.	2019	0.056	1	0	0
193	KHRD2		Floral	U.S.A.	2019	0.116	1	0	0
194	KHRD3		Floral	U.S.A.	2019	0.013	2	0	0
195	KHRD4		Floral	U.S.A.	2019	0.125	2	0	0
196	KHRD5		Floral	U.S.A.	2019	0.112	1	0	0
197	KHRD6		Floral	U.S.A.	2019	0.11	1	0	0
198	Kirsche		Floral	U.S.A.	2021	0.23	4	0	0
199	KY Plume	Variety of Concern	Floral	U.S.A.	2017	0.302	0	1	0
200	KYBLUE-1	Prohibited Variety	Floral	U.S.A.	2018				
201	LaCrema	Variety of Concern	Floral	U.S.A.	2021	0.408	3	1	1
202	Late Sue-1	Variety of Concern	Floral	U.S.A.	2021	0.469	30	13	1
203	Lemon Octane	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
204	Letter of Intent	Prohibited Variety	Floral	U.S.A.	2020				

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205	Lifter	Variety of Concern	Floral	U.S.A.	2021	0.736	29	14	14
206	Lifter Seedless	Variety of Concern	Floral	U.S.A.	2021	0.373	0	1	0
207	Lindorea	Variety of Concern	Floral	U.S.A.	2021	0.478	10	1	1
208	Low Voltage		Floral	U.S.A.	2019	0.167	3	0	0
209	Lucky 7	Variety of Concern	Floral	U.S.A.	2021	0.865	24	4	7
210	Mammoth	Variety of Concern	Floral	U.S.A.	2020	0.49	24	8	3
211	Martha	Variety of Concern	Floral	Canada	2020	0.563	56	0	1
212	Mary	Variety of Concern	Floral	U.S.A.	2020	0.396	50	1	0
213	Master Kush Auto		Floral	U.S.A.	2021	0.122	1	0	0
214	Matterhorn		Floral	U.S.A.	2020	0.034	2	0	0
215	Matterhorn CBG		Floral	U.S.A.	2021	0.096	19	0	0
216	Maui's Cherry	Variety of Concern	Floral	U.S.A.	2019	0.346	7	1	0
217	Maui's Cherry 1	Variety of Concern	Floral	U.S.A.	2017	0.367	1	0	0
218	Maui's Cherry 2		Floral	U.S.A.	2017	0.168	1	0	0
219	Maverick		Floral	U.S.A.	2021	0.278	2	0	0
220	Merlot D	Prohibited Variety	Floral	U.S.A.	2019				
221	Midwest Strain	Variety of Concern	Floral	U.S.A.	2021	3.855	63	28	9
222	Mojave Cherry		Floral	U.S.A.	2019	0.28	2	0	0
223	Moonwalk	Variety of Concern	Floral	U.S.A.	2020	0.514	3	0	1
224	Mountain Mango	Variety of Concern	Floral	U.S.A.	2021	0.575	11	2	1
225	MS77	Variety of Concern	Fiber	Australia	2018	0.355	1	1	0
226	Muffin Cream	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
227	NBS Hemp Auto	Variety of Concern	Floral	U.S.A.	2019	0.960	2	0	1
228	New London Gold	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
229	Northstar	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2022				
230	Northwest Strain	Variety of Concern	Floral	U.S.A.	2020	0.51	21	18	4
231	NS-39	Prohibited Variety	Floral	U.S.A.	2019				
232	Nueve Bx CBG		Floral	U.S.A.	2021	0.171	1	0	0
233	OC2	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
234	Orange Glaze	Variety of Concern	Floral	U.S.A.	2021	0.480	0	0	1
235	Orange Juicer	Variety of Concern	Floral	U.S.A.	2021	0.407	4	4	1
236	Orion 33	NEW	Grain/Fibe	France	Approved New Variety 2022 - University Trials				
237	OT	Variety of Concern	Floral	U.S.A.	2021	0.912	59	19	8
238	OT Cross	Variety of Concern	Floral	U.S.A.	2019	0.312	3	1	0
239	Otto 2 Stout	Prohibited Variety	Floral	U.S.A.	2019				
240	Otto II	Variety of Concern	Floral	U.S.A.	2020	0.514	31	4	2
241	Oxi		Floral	U.S.A.	2018	0.099	1	0	0
242	Pacific Cooler	Variety of Concern	Floral	U.S.A.	2021	0.437	0	0	1
243	PE10	Variety of Concern	Floral	U.S.A.	2020	0.465	5	1	1
244	Peach Goliath	Variety of Concern	Floral	U.S.A.	2021	0.469	4	3	1
245	Piccolo		Grain	Canada	2017	0.212	1	0	0
246	Pine Walker Seedless		Floral	U.S.A.	2021	0.223	6	0	0

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247	Pink Panther	Variety of Concern	Floral	U.S.A.	2021	0.432	1	4	1
248	Pineberry	Prohibited Variety	Floral	U.S.A.					
249	Pipeline		Floral	U.S.A.	2020	0.199	1	0	0
250	Pistol Pete		Floral	U.S.A.	2019	0.212	1	0	0
251	PR13		Fiber	Australia	2018	0.103	3	0	0
252	Proof of Life	Prohibited Variety	Floral	U.S.A.	2020				
253	Pruno	Variety of Concern	Floral	U.S.A.	2021	0.429	0	0	1
254	Pure CBD	Variety of Concern	Floral	U.S.A.	2020	0.406	0	0	1
255	Pure CBG		Floral	U.S.A.	2020	0.133	2	0	0
256	Purple Goliath	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
257	Queen Dream	Variety of Concern	Floral	U.S.A.	2021	0.469	6	0	2
258	Quick Kush	Variety of Concern	Floral	U.S.A.	2021	0.484	6	1	1
259	Red Bordeaux	Variety of Concern	Floral	U.S.A.	2020	0.589	22	9	3
260	Remedy	Variety of Concern	Floral	U.S.A.	2021	0.315	0	1	0
261	Rhubarb Pie #6	Variety of Concern	Floral	U.S.A.	2021	0.364	0	1	0
262	Rise Up	Prohibited Variety	Floral	U.S.A.					
263	RN13	Variety of Concern	Floral	U.S.A.	2020	0.44	0	0	2
264	RNA		Floral	U.S.A.	2018	0.191	1	0	0
265	Rocket Fuel	Variety of Concern	Floral	U.S.A.	2021	0.457	12	2	3
266	Rosella	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
267	Sam 2	Prohibited Variety	Floral	U.S.A.	2017				
268	Sangria		Floral	U.S.A.	2020	0.257	1	0	0
269	Santhica 27		Fiber	France	2021	0.069	4	0	0
270	Santhica 70	NEW	Grain/Fibe	France	Approved New Variety 2022 - University Trials				
271	Scarlet Sunset	Variety of Concern	Floral	U.S.A.	2021	0.477	0	1	2
272	Seagull A1	Variety of Concern	Floral	U.S.A.	2020	0.421	3	0	1
273	Seagull A7	Variety of Concern	Floral	U.S.A.	2020	0.395	3	1	0
274	Seagull B9		Floral	U.S.A.	2020	0.17	1	0	0
275	Seagull DA		Floral	U.S.A.	2020	0.192	1	0	0
276	Seagull E		Floral	U.S.A.	2019	0.213	5	0	0
277	Seagull F	Variety of Concern	Floral	U.S.A.	2019	0.362	2	1	0
278	Seagull IH1	Variety of Concern	Floral	U.S.A.	2021	0.367	6	1	0
279	Serenity CBG		Floral	U.S.A.	2021	0.178	4	0	0
280	SG1-E	Prohibited Variety	Floral	U.S.A.	2019				
281	SG2-L	Prohibited Variety	Floral	U.S.A.	2019				
282	Shaolin Gleaux	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
283	Silver Linings S1	Variety of Concern	Floral	U.S.A.	2021	0.571	0	0	1
284	Siskiyou Gold	Variety of Concern	Floral	U.S.A.	2021	0.552	27	13	18
285	Sour G CBG		Floral	U.S.A.	2021	0.054	1	0	0
286	Sour Kush	Variety of Concern	Floral	U.S.A.	2021	0.462	0	0	1
287	Sour Lifter Seedless		Floral	U.S.A.	2021	0.234	2	0	0

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288	Sour Space Candy	Variety of Concern	Floral	U.S.A.	2021	1.601	10	3	4
289	Sour Special Sauce	Variety of Concern	Floral	U.S.A.	2021	0.384	0	1	0
290	Sour Suver Haze Seedless	Variety of Concern	Floral	U.S.A.	2021	0.544	0	1	1
291	Space Invader	Variety of Concern	Floral	U.S.A.	2021	0.516	0	0	1
292	Special Sauce	Variety of Concern	Floral	U.S.A.	2021	0.662	6	5	4
293	Spectrum	Variety of Concern	Floral	U.S.A.	2020	0.318	1	1	0
294	SS Alpha	Prohibited Variety	Fiber	China	2019				
295	SS Beta		Fiber	China	2018	0.089	1	0	0
296	SS Charlie	Variety of Concern	Fiber	China	2019	0.379	6	1	0
297	SS Delta	Variety of Concern	Fiber	China	2020	0.628	15	2	4
298	Stem Cell CBG		Floral	U.S.A.	2021	0.256	9	0	0
299	Stem Cell CBG Seedless		Floral	U.S.A.	2021	0.063	2	0	0
300	Storms Morning	Variety of Concern	Floral	U.S.A.	2020	0.326	1	1	0
301	Stormy Daniels	Variety of Concern	Floral	U.S.A.	2021	0.452	15	13	2
302	Stout	Variety of Concern	Floral	U.S.A.	2021	1.44	92	15	13
303	Stout Cross		Floral	U.S.A.	2019	0.028	1	0	0
304	Strawberry Orange Trifle	Variety of Concern	Floral	U.S.A.	2020	0.439	0	0	1
305	Stray Kat S1	Variety of Concern	Floral	U.S.A.	2021	0.532	10	3	2
306	Super CBD	Variety of Concern	Floral	U.S.A.	2020	0.352	3	1	0
307	Super Woman	Variety of Concern	Floral	U.S.A.	2019	0.413	0	0	1
308	Suver Haze	Prohibited Variety	Floral	U.S.A.	2019				
309	Suver Haze Seedless	Prohibited Variety	Floral	U.S.A.					
310	Sweet	Variety of Concern	Floral	U.S.A.	2020	0.573	2	0	2
311	Sweet Berry	Variety of Concern	Floral	U.S.A.	2020	0.337	0	1	0
312	Sweet Valentine	Variety of Concern	Floral	U.S.A.	2019	0.353	0	1	0
313	Sweetened	Variety of Concern	Floral	U.S.A.	2021	1.971	319	76	58
314	Sweetie Pie	Variety of Concern	Floral	U.S.A.	2020	0.478	0	0	1
315	T1	Variety of Concern	Floral	U.S.A.	2021	2.444	189	106	68
316	T1 Cross		Floral	U.S.A.	2019	0.215	5	0	0
317	T1 Improved	Variety of Concern	Floral	U.S.A.	2021	0.452	4	3	1
318	T2	Variety of Concern	Floral	U.S.A.	2020	0.545	4	3	1
319	Tangerine	Variety of Concern	Floral	U.S.A.	2020	0.39	4	2	0
320	Texas Jack CBG	Variety of Concern	Floral	U.S.A.	2020	0.637	0	1	1
321	The Bull		Floral	U.S.A.	2020	0.227	3	0	0
322	The White Whale	Variety of Concern	Floral	U.S.A.	2020	0.556	0	0	3
323	The Wife	Variety of Concern	Floral	U.S.A.	2021	0.973	8	5	4
324	Transparency	Prohibited Variety	Floral	U.S.A.	2020				
325	Tres	Variety of Concern	Floral	U.S.A.	2019	0.557	7	1	1
326	Trump Towers		Floral	U.S.A.	2020	0.149	2	0	0
327	Two Beards L		Floral	U.S.A.	2019	0.275	1	0	0
328	Tygra	Variety of Concern	Fiber	Poland; Ita	2021	0.472	26	0	2

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329	Umpqua		Floral	U.S.A.	2020	0.291	1	0	0
330	Unicorn	NEW	Floral	U.S.A.	Not Yet Tested in Kentucky - Approved New Variety 2021				
331	Unnamed Breeding Plot	Designation for development of new varieties from existing approved varieties in breeding plots, with perm							
332	Uno	Variety of Concern	Floral	U.S.A.	2019	0.322	8	1	0
333	USO 31		Grain	Italy; Lithuania	2017	0.005	1	0	0
334	Vega	NEW	Grain	U.S.A.	Approved New Variety 2020 - University Trials				
335	Very Berry Cherry	Prohibited Variety	Floral	U.S.A.	2020				
336	Victoria		Floral	Canada	2017	0.068	4	0	0
337	WC1	Prohibited Variety	Floral	U.S.A.	2018				
338	WC2	Variety of Concern	Floral	U.S.A.	2019	0.449	2	1	2
339	White CBG	Variety of Concern	Floral	U.S.A.	2021	1.687	35	1	4
340	White CBG Seedless		Floral	U.S.A.	2021	0.186	2	0	0
341	Wife	Variety of Concern	Floral	U.S.A.	2021	1.64	37	19	15
342	Wild Bourbon	Prohibited Variety	Floral	U.S.A.	2019				
343	Workhorse	Variety of Concern	Floral	U.S.A.	2020	0.43	28	4	1
344	X-59		Grain	Canada	2020	0.033	6	0	0
345	XX		Floral	U.S.A.	2019	0.175	12	0	0
346	Youngsim 10	Variety of Concern	Floral	U.S.A.	2021	1.265	12	2	6
347	Z4	Variety of Concern	Floral	U.S.A.	2017	0.205	1	0	0
348	Zinfandel-C	Prohibited Variety	Floral	U.S.A.	2019				
349	Zolotonosha		Grain	Ukraine	2017	0.005	1	0	0
350	ZT-10	Variety of Concern	Floral	U.S.A.	2019	0.361	2	1	0
351	ZT-11	Variety of Concern	Floral	U.S.A.	2019	0.525	2	2	1
352	ZT-12	Variety of Concern	Floral	U.S.A.	2019	0.418	2	2	1
353	ZT-13		Floral	U.S.A.	2019	0.295	4	0	0
354	ZT-14	Variety of Concern	Floral	U.S.A.	2019	0.364	0	4	0
355	ZT-15	Variety of Concern	Floral	U.S.A.	2019	0.43	1	4	1
356	ZT-2	Variety of Concern	Floral	U.S.A.	2019	0.449	2	8	1
357	ZT-3	Prohibited Variety	Floral	U.S.A.	2019				
358	ZT-4	Prohibited Variety	Floral	U.S.A.	2019				
359	ZT-5	Prohibited Variety	Floral	U.S.A.	2019				
360	ZT-6	Prohibited Variety	Floral	U.S.A.	2019				
361	ZT-7	Variety of Concern	Floral	U.S.A.	2019	0.386	0	2	0
362	ZT-8	Variety of Concern	Floral	U.S.A.	2019	0.435	2	3	1
363	ZT-9	Variety of Concern	Floral	U.S.A.	2019	0.423	1	4	1