

Results from 2019 UT Hemp Variety Trial - West Tennessee

Variety	Bud (lbs/plant) <sup>1</sup>			Maturity <sup>2</sup>	From 3 plants/plot				Percentage <sup>5</sup>			
	fresh <sup>6</sup>	dry	trimmed		Height	No. Branches	CEW <sup>3</sup>	HLS <sup>4</sup>	d9-THC	Max Active THC	Max Active CBD <sup>6</sup>	CBG-A
Carolina	1.6 abc	0.4	0.3	2.0	55	33	0.5	24.4	0.05	0.67	12.9 ab	0.5
CBD Therapy	2.1 abc	0.6	0.4	2.8	58	36	0.0	2.9	0.12	3.00	6.1 g	0.5
Cherry not topped	0.1 d	0.0	0.0	1.3	23	20	11.3	27.3	0.11	0.51	10.7 bcd	0.3
Cherry topped	0.2 cd	0.1	0.1	1.0	21	14	9.5	16.9	0.11	0.48	10.3 b-e	0.3
Cherry Wine	1.4 a-d	0.5	0.3	2.2	46	36	0.4	12.3	0.04	0.48	10.2 cd	0.3
Franklin	0.5 bcd	0.2	0.1	2.9	38	31	0.0	0.9	0.01	0.38	9.0 deg	0.6
Ha3ez	0.3 d	0.1	0.1	1.0	28	24	0.1	2.3	0.18	0.54	12.0 bc	0.4
Hawaiian Haze	0.6 bcd	0.2	0.1	1.1	39	26	43.7	19.9	0.08	0.61	12.2 bc	0.4
Super CBD	2.1 a	0.7	0.4	3.0	61	51	0.0	1.0	0.01	0.30	6.6 fg	0.3
Suver Haze	0.6 bcd	0.2	0.1	1.2	36	19	2.2	35.5	0.11	0.76	15.2 a	0.4
Sweetened	1.0 a-d	0.4	0.3	1.8	36	28	4.2	9.5	0.04	0.49	10.9 bcd	0.6
T1 not topped	0.9 a-d	0.3	0.2	1.3	33	27	15.8	69.2	0.06	0.51	10.1 bcd	0.3
T1 topped	0.9 a-d	0.3	0.2	1.7	32	26	11.8	76.3	0.05	0.50	10.2 b-e	0.3
Tangerine	0.9 a-d	0.2	0.2	1.2	28	23	6.5	79.6	0.06	0.56	11.4 bcd	0.3
T-Rex	1.7 ab	0.5	0.3	3.0	64	42	0.0	0.1	0.01	0.31	7.4 efg	0.7
Wife	0.8 bcd	0.4	0.2	1.7	35	28	10.2	18.0	0.08	0.54	10.7 bcd	0.2

<sup>1</sup>Fresh and dry weights include stripped buds and leaves, trimmed weight is mostly bud

<sup>2</sup>Maturity was rated on a 1 to 3 scale, with 1 being earliest and 3 being latest maturing

<sup>3</sup>CEW - Corn Ear Worm index, calculated using incidence and severity of damage on colas

<sup>4</sup>HLS - Hemp Leaf Spots index, calculated using incidence and severity of leaf spots

<sup>5</sup>Percentage of cannabinoids obtained from Altitude Lab Solutions

<sup>6</sup>Values within a column with same letter are not significantly different at  $p < 0.05$