

Office of Indiana State Chemist and Seed Commissioner

2019 Total THC Test Results by Hemp Variety

***OISC does not recommend varieties, this document is the result of testing in 2019.

Variety	Tested x	Total THC GC	Total THC UPLC	Acres Tested (rounded)	% of tests hot	Ratio
Abacus	2	0.375	0.504	7.5	50%	1 out of 2
Autopilot	3	0.224		15		
Awesome Blossom	1	0.51	0.577	0.05	100%	1 out of 1
Blue Genius	1	0.284		0.02		
Blue Haze	4	0.128		91		
Blue Mammoth	2	0.125		90		
Boax	6	0.2		48		
Bubby Remedy	3	0.578	0.544	12	100%	3 out of 3
CBDRX Cherry	2	0.421	0.489	16	50%	1 out of 2
Chard Cherry	1	0.204		45		
Cherry	4	0.238		50		
Cherry #5	4	0.339	0.501	4	25%	1 out of 4
Cherry Abacus	1	0.31		0.1		
Cherry Blossom	8	0.186		5		
Cherry Bubblegum	2	0.187		67		
Cherry Cherry	1	0.386		1		
Cherry Citrus	1	0.116		0.3		
Cherry DC	1	0.907	0.801	1		1 out of 1
Cherry Diesel	1	0.359		0.3		
Cherry Uno	5	0.265		24		
Cherry Wine	12	0.301	0.65	151	17%	2 out of 12
Cherry Wine Boax	1	0.256		2		
Cinco	1	0.409	0.848	1.5	100%	1 out of 1
Citrus	1	0.105		1		
CRS-1	1	0.036		1		
Delta #5	1	1.409	1.406	1.5	100%	1 out of 1
Delta Wine	1	1.012	1.001	1.5	100%	1 out of 1
Fall Bloom	2	0.248		4		
First Light	2	0.316		0.3		
Franklin	1	0.143		1		
Grape Soda	2	0.237		95		
Hawaiian Haze	3	0.331		32		
Heavenly Peppers	1	0.172		5		
Indiana Velvet	1	0.305		1.5		
Jin Ma	4	0.117		52		

GC - Gas Chromatography

UPLC - Ultra Performance Liquid Chromatography

*Fail GC? Test UPLC

Highlighted Red Varieties had at least one failed sample

Through 10-23-19 Results

Office of Indiana State Chemist and Seed Commissioner

2019 Total THC Test Results by Hemp Variety

***OISC does not recommend varieties, this document is the result of testing in 2019.

Variety	Tested x	Total THC GC	Total THC UPLC	Acres Tested (rounded)	% of tests hot	Ratio
Lifter	2	0.424	0.598	3.3	50%	1 out of 2
Mammoth	8	0.339	0.485	19	38%	3 out of 8
Marlow/Merlot	3	0.277		47		
Midwestern	1	0.137		5		
Mojave Cherry	1	0.178		37		
Orange Trumpet	1	0.182		0.25		
Oregon Cherry	3	1.597	1.551	14	100%	3 out of 3
Otto Chard	1	0.185		45		
Otto II	1	0.291		0.01		
Piccolo	1	0.133		3		
Red Bordeaux	1	0.204		45		
SD-1	1	0.182		45		
Stout	1	0.072		5		
Sunstrand/SS-Alpha	28	0.421	0.528	473	46%	13 out of 28
Suver	1	0.533	0.527	0.25	100%	1 out of 1
Suver Haze	4	0.329		48		
Sweet	9	0.222		56		
Sweeten	7	0.159		39		
Sweet #5	1	0.214		10		
T1	6	0.249		10		
T2	3	0.159		1		
Trump	2	0.851	1.048	76	100%	2 out of 2
Uno	12	0.327	0.616	150	25%	3 out of 12
Wife	8	0.219		52	12%	1 out of 8
WU-5	1	0.273		0.3		
X-59	7	0.15		174		
Young Sim 10	2	0.718	1.26	51	50%	1 out of 2
<p>“ This list is a report of observed performance of various hemp varieties reported to OISC as named varieties during the 2019 growing season. No endorsement, implied or otherwise, is made regarding any of the varieties named. All varieties require close monitoring and management for THC. Any given variety may produce higher THC unexpectedly due to fertilization, growing conditions, etc. Some varietal genetics however, do trend “hot” and should be used only with diligent monitoring for THC, or avoided altogether.”</p>						

GC - Gas Chromatography

UPLC - Ultra Performance Liquid Chromatography

*Fail GC? Test UPLC

Highlighted Red Varieties had at least one failed sample

Through 10-23-19 Results