

**NDSU Langdon Research Extension Center  
2020 Variety Trial Data**

**Hemp Variety Trial - 2020** **Langdon,ND**

Company <sup>1</sup>	Variety	Plant Stand /ft <sup>2</sup>	PLSE <sup>2</sup> %	Seedling Mortality %	Plant Height in.	Test Weight lbs/bu	TKW g	Oil <sup>3</sup> %	Grain Yield				4-yr Avg.
									2017	2018	2019	2020	
HGI	CFX-2	8.3	52.1	47.9	53.8	42.8	17.0	33.8	1949	1031	1361	1440	1445
HGI	CRS-1	9.5	59.4	40.7	64.5	42.6	18.2	33.4	1891	1135	1400	1535	1490
HGI	Katani	10.3	64.3	35.7	49.3	42.8	15.9	33.1	1820	1164	1151	1419	1389
HGI	Grandi	11.0	68.8	31.3	48.3	42.3	17.0	33.1	1729	1157	1256	1447	1397
PIHG	Canda	11.3	70.3	29.7	70.5	41.6	19.9	30.7	2005	802	1361	1461	1407
PIHG	Joey	9.6	59.6	40.4	68.0	42.2	19.0	31.2	1991	905	1190	1307	1348
Legacy	X-59	8.1	50.5	49.5	59.3	43.3	19.0	30.4	2022	979	1554	1471	1506
IH	Henola	12.1	75.8	24.2	59.8	40.8	14.1	30.1	--	--	--	1115	--
IH	Bialobrzeskie	12.5	77.9	22.2	88.3	40.9	13.5	32.1	--	--	--	690	--
NWG	NWG Abound	5.6	34.6	65.4	90.0	41.1	12.9	29.2	--	--	--	525	--
NWG	NWG Elite	9.0	56.3	43.7	89.5	41.5	13.8	32.5	--	--	--	564	--
Mean		9.7	60.9	39.1	67.4	42.0	16.4	31.8	1907	1031	1293	1179	--
C.V. %		14.3	14.3	22.1	6.3	1.3	3.0	1.5	8.7	10.6	11.8	13.6	--
LSD 5%		2.0	12.5	12.5	6.1	0.8	0.7	0.7	240	158	218	232	--
LSD 10%		1.7	10.4	10.4	5.1	0.6	0.6	0.6	199	131	182	193	--

<sup>1</sup>HGI-Hemp Genetics International, PIHG-Parkland Industrial Hemp Growers, Legacy Hemp, IH-International-Hemp, NWG - New West Genetics

<sup>2</sup>Pure live seed emergence      <sup>3</sup>Oil content reported as is basis(uniformly dried to approximately 3% moisture)

Target seeding rate was 16 PLS/ft<sup>2</sup> which includes 25% extra for expected mortality loss

Planting Date: May 29

Harvest Date: Sept. 14      NWG varieties - September 22

Previous Crop: Soybean

