

**NDSU Langdon Research Extension Center
2021 Variety Trial Data**

Hemp Variety Trial									Langdon,ND					
Company ¹	Variety	Plant Stand /ft ²	PLSE ² %	Seedling Mortality %	Plant Height in.	Test Weight lbs/bu	TKW g	Oil ³ %	Grain Yield					5-yr Avg.
									2017	2018	2019	2020	2021	
HGI	CFX-2	9.8	61.5	38.6	43.3	42.0	42.0	35.2	1949	1031	1361	1440	1312	1418
HGI	CRS-1	9.0	56.5	43.5	55.6	42.1	42.1	34.9	1891	1135	1400	1535	1319	1456
HGI	Katani	11.4	71.4	28.7	39.5	42.4	42.4	34.6	1820	1164	1151	1419	1266	1364
PIHG	Canda	9.4	58.9	41.1	57.6	41.4	41.4	33.0	2005	802	1361	1461	1280	1382
PIHG	Joey	9.6	59.9	40.1	55.1	41.6	41.6	33.1	1991	905	1190	1307	1185	1316
Trial Mean		9.8	61.6	38.4	50.2	41.9	41.9	34.2	1907	1031	1293	1179	1272	--
C.V. %		12.1	12.1	19.5	6.7	0.6	0.6	1.2	8.7	10.6	11.8	13.6	8.2	--
LSD 5%		NS	NS	NS	5.2	0.4	0.4	0.6	240	158	218	232	NS	--
LSD 10%		NS	NS	NS	4.2	0.3	0.3	0.5	199	131	182	193	NS	--

¹HGI-Hemp Genetics International, PIHG-Parkland Industrial Hemp Growers

²Pure live seed emergence

Target seeding rate was 16 PLS/ft² which includes 25% extra for expected mortality loss

³Oil content reported as is basis(uniformly dried to approximately 3% moisture)

Planting Date: May 26 Harvest Date: Sept. 13

Previous Crop: Soybean

Soil Type: Svea-Barnes loam