

**NDSU Hettinger Reserch Extension Center**

**Industrial Hemp Variety Trial - 2019**

**Hettinger, ND**

Variety	Plant Stand plants/ft <sup>2</sup>	PLSE <sup>1</sup> %	Seedling Mortality %	Height inches	Lodging <sup>2</sup> 0-9	Test Weight lbs/bu	Oil Content %	Seed Yield lbs/ac
CRS-1	9.9	62	38	49	0	*	32.8	210
CFX-1	9.0	56	44	44	0		32.4	157
CFX-2	10.3	65	35	39	0		33.0	214
Grandi	11.3	71	29	42	0		32.4	229
Katani	10.1	63	37	40	0		32.1	191
Piccolo	13.8	86	14	38	0		32.4	214
Canda	10.9	68	32	57	0		31.7	229
Joey	12.2	76	24	54	0		31.3	286
X-59	8.5	53	47	45	0		30.9	362
Anka-Trt	9.4	59	41	59	0		32.2	276
Anka-CK	8.5	53	47	65	0		31.9	186
	10.7	67	33	50	0		32.1	232
C.V. %	20.8	20.8	42.1	11.1	--		2.0	47.4
LSD 5%	3.2	20	20	8.0	--		0.9	159
LSD 10%	2.7	17	17	6.6	--		0.8	132

<sup>1</sup> Pure live seed emergence.

<sup>2</sup> Lodging: 0 = none, 9 = lying flat on ground.

\* Not enough sample to obtain a test weight.

Planting Date: June 3

Harvest Date: September 25

Trial suffered from significant bird feeding which greatly reduced yields before harvest.