

2019 Industrial Hemp - Recrop

Dickinson, ND

Variety	Plant Stand	1000 KWT	PLSE ¹	Seedling Mortality	Seeds per Pound	Test Weight	Oil Content ³	-- Grain Yield-- 2019
	ft ²	g	%	%		lbs/bu	%	lbs/ac
Altair	6.4	15.6	37	63	29,095	39.8	30.6	860
Altair TRT ²	4.5	15.9	26	74	28,506	39.8	30.4	770
Anka	5.2	14.9	28	72	30,439	39.0	29.9	729
Anka TRT	4.6	15.4	25	75	29,501	39.6	29.9	736
CFX-1	4.9	16.2	31	69	27,978	40.9	32.5	684
CFX-2	3.7	15.9	23	77	28,661	41.0	31.7	722
CRS-1	7.2	16.5	45	55	27,434	40.8	31.8	744
Canda	4.6	19.0	29	71	23,940	40.3	30.5	897
Cyclone V-1	2.7	6.7	17	83	67,458	41.8	31.9	293
Cyclone V-1 TRT	5.5	6.9	35	65	65,847	41.6	32.6	320
Grandi	4.3	15.2	27	73	29,867	40.8	31.7	653
Joey	4.6	16.9	29	71	26,875	41.3	30.9	785
Katani	5.0	14.4	31	69	31,599	40.9	31.1	671
Piccolo	6.0	14.5	38	62	31,394	40.9	31.1	604
Rigel	4.1	16.8	31	69	27,113	39.8	30.5	804
Rigel TRT	4.1	16.8	31	69	26,943	39.5	31.0	839
X-59	2.7	16.4	17	83	27,752	40.8	29.1	891
Trial Mean	4.8	15	30	70	32,694	40.1	31.0	697
CV %	42.2	3.7	42.4	18.1	3.3	1.1	1.5	13.8
LSD 0.05	2.9	0.8	18	18	1,522	0.6	0.7	136
LSD 0.10	2.4	0.7	15	15	1,270	0.5	0.6	114

¹ Pure live seed emergence

² TRT = Metalaxyl + Ipconazole 3 fl oz/100 lb seed

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

Target seeding rate was 12 seeds/ft² + additional 25% for expected mortality loss. Altair, Anka, and Rigel were 13, 14, and 10 seeds/ft +25% mortality loss, respectively. This was due to late seed arrival with germinations and seed weight completed after seeding the trial.

Planting Date: May 29, 2019

Harvest Dates: October 8, 2019 Cyclone V-1 and Cyclone V-1 TRT
 September 4, 2019 All others

Previous Crop: wheat