

Flax Dryland Variety Trial - NDSU

WREC, Williston, ND 2020

Variety	Days to heading (DAP)	Days to Flowering (DAP)	Plant height (in)	Stand* (%)	Oil (%)	Test weight (lb/bu)	Yield		
							2020 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg (bu/a)
CDC Buryu	50	94	20	65	43.8	52.9	17.3	22.1	22.1
Omega	53	95	22	50	43.2	53.0	15.0	18.4	19.2
CDC Glas	51	94	23	58	44.6	51.9	16.3	18.8	17.6
York	50	94	22	66	43.6	53.0	17.0	16.6	17.1
Prairie Thunder	52	95	23	60	43.1	53.2	18.5	18.9	16.3
CDC Neela	52	96	21	45	44.2	51.7	14.6	15.4	15.9
Bison	50	93	21	69	43.7	52.7	17.8	15.2	15.3
Webster	51	94	21	68	44.4	52.8	18.7	15.9	15.1
Carter	50	97	22	54	43.5	52.3	14.2	14.0	14.7
ND Hammond	51	95	23	64	42.5	52.5	16.2	16.1	14.6
Gold ND	52	96	23	41	44.4	52.4	12.7	13.3	14.3
CDC Plava	52	94	20	61	44.5	53.0	19.9	24.3	-
CDC Dorado	46	92	19	85	44.0	52.3	18.2	-	-
AAC Bright	51	94	20	58	46.2	50.7	14.9	-	-
Mean	51	95	22	58	43.7	52.5	16.3	-	-
CV (%)	1.9	1.8	8.3	22.4	0.7	1.0	19.0	-	-
LSD (5%)	0.5	0.8	0.8	6.0	0.1	0.2	1.4	-	-
LSD (10%)	0.4	0.7	0.7	5.1	0.1	0.2	1.2	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft

Previous crop: Wheat

Planted: 5/5/2020

Harvested: 08/25/2020

Soil test to 6" in ppm: P= 22 ; K = 264, OM = 1.9%; pH = 5.6

Soil type: Williams-Bowbells loam

Soil test to 24" in lb/a: N = 10

Applied Fertilizer in lbs/a: N = 80; P = 20; K = 0; S = 5

Herbicide Application: Valor @ 3oz/a (10/21/19)Clethodim @ 8 oz/a (6/15/2020) ; Assure II @ 8 oz/a (7/6/2020)

*Poor stands were established, due to dry soil and previous crop residue