

2020 Flax Variety Trial at Minot

Variety	10% Bloom	Plant Height	Test Weight	Oil Content	Seed Yield				
	DAP ¹	inches	lbs/bu	%	2017	2018	2020	2 yr Avg.	3 yr Avg.
					bushels per acre				
CDC Neela	46	23	53.9	45.2	23.5	30.7	25.1	27.9	26.4
CDC Glas	45	20	53.4	42.8	23.6	25.9	23.4	24.7	24.3
Bison	46	23	54.0	44.0	18.9	24.9	22.5	23.7	22.1
Gold ND	45	19	52.4	43.8	16.3	25.0	23.8	24.4	21.7
Prairie Thunder	44	23	53.2	44.6	17.8	25.7	21.6	23.7	21.7
Carter	46	22	53.9	44.1	20.3	20.7	22.5	21.6	21.2
ND Hammond	46	25	53.3	43.1	17.9	22.0	23.6	22.8	21.2
Webster	45	20	53.3	44.4	20.5	21.3	20.0	20.7	20.6
Omega	47	25	53.7	44.4	16.1	24.6	20.2	22.4	20.3
York	46	24	53.7	46.9	18.7	20.1	19.1	19.6	19.3
CDC Durado	45	20	53.4	44.2	--	--	26.0	--	--
AAC Bright	44	22	53.4	43.6	--	--	22.9	--	--
CDC Rowland	46	23	54.2	44.7	--	--	22.6	--	--
CDC Plava	44	20	53.6	42.3	--	--	22.3	--	--
CDC Buryu	43	19	52.5	45.7	--	--	18.3	--	--
Trial Mean	45	22	53.5	44.3	18.4	21.2	22.9	--	--
C.V.%	1.2	7.7	2.2	1.4	15.3	21.7	14.0	--	--
LSD 5%	1	3	NS	1.0	4.6	7.5	NS	--	--
LSD 10%	1	2	NS	0.8	3.8	6.3	NS	--	--

¹ Days after Planting

NS = no statistical difference between varieties.

Planting Date: May 14

Harvest Date: August 29

Seeding Rate: 2.5 million PLS/A

Previous Crop: 2016 = soybean, 2017 & 2019 = spring wheat

Soil Type: Williams Loam

Tillage: minimum-till

Note: The 2018 trial sustained herbicide (sulfentrazone) injury resulting in inconsistent yields.

The 2019 trial sustained severe drought and seed shatter prior to harvest. Data not reported.