

**2021 Flax Variety Trial at Minot**

Variety	10%	Plant	Test	Oil	Seed Yield				
	Bloom	Height	Weight	Content	2018	2020	2021*	2 yr Avg.*	3 yr Avg.*
	DAP <sup>1</sup>	inches	lbs/bu	%	bushels per acre				
CDC Neela	46	13	-	39.4	30.7	25.1	<b>3.2</b>	27.9	26.4
CDC Glass	46	12	-	40.5	25.9	23.4	<b>3.6</b>	24.7	24.3
Gold ND	47	14	52.9	40.1	25.0	23.8	<b>3.8</b>	24.4	21.7
Carter	47	14	53.8	38.9	20.7	22.5	<b>5.4</b>	21.6	21.2
ND Hammond	45	14	52.8	39.5	22.0	23.6	<b>5.3</b>	22.8	21.2
Webster	48	15	53.9	40.4	21.3	20.0	<b>3.7</b>	20.7	20.6
Omega	47	14	53.7	40.0	24.6	20.2	<b>4.6</b>	22.4	20.3
York	44	15	54.1	39.9	20.1	19.1	<b>5.1</b>	19.6	19.3
CDC Durado	43	14	53.6	40.3	--	26.0	<b>4.7</b>	--	--
AAC Bright	46	14	-	39.9	--	22.9	<b>4.3</b>	--	--
CDC Rowland	47	14	52.7	39.3	--	22.6	<b>5.3</b>	--	--
CDC Plava	45	14	53.1	38.4	--	22.3	<b>3.1</b>	--	--
CDC Buryu	45	14	53.7	39.5	--	18.3	<b>5.0</b>	--	--
AAC Marvelous	45	16	54.2	41.0	--	25.5	<b>6.1</b>	--	--
Trial Mean	46	15	53.6	40.2	21.2	22.9	<b>4.7</b>	--	--
C.V.%	2.5	15	1.0	2.9	21.7	14.0	<b>34.0</b>	--	--
LSD 5%	2	4	NS	1.9	7.5	NS	<b>NS</b>	--	--
LSD 10%	2	3	NS	1.6	6.3	NS	<b>NS</b>	--	--

<sup>1</sup>Days after Planting

NS = no statistical difference between varieties.

**\*The 2021 trial sustained extreme heat and moisture stress. Data from this trial may be unreliable and should be viewed with caution. 2 and 3 year average yields do not include 2021 data.**

Planting Date: May 20

Harvest Date: September 1

Seeding Rate: 2.5 million PLS/A

Previous Crop: 2017 &amp; 2019 = spring wheat, 2020 = chickpea

Soil Type: Williams Loam

Tillage: no-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.