

**NDSU Carrington Research Extension Center  
2016 Variety Trial Data**

<b>Flax</b>								<b>Carrington</b>		
Variety	Days to Bloom	Bloom Duration	Days to PM	Plant Lodge 0 to 9	Plant Height inch	Oil Content %	Test Weight lb/bu	----- Seed Yield -----		
								2016	2-yr. Avg. bu/ac	3-yr. Avg.
CDC Bethune	47.5	10.0	80.3	7.0	24.4	42.1	50.4	16.4	23.2	26.5
CDC Glas	45.0	11.0	76.0	2.0	23.4	43.0	50.2	17.7	26.3	27.8
CDC Sanctuary	44.0	14.5	77.5	0.0	23.7	43.3	51.6	18.5	25.7	26.8
CDC Sorrel	45.8	12.5	77.8	4.0	23.8	42.9	49.9	18.4	25.8	28.8
Neela	45.5	11.8	78.0	0.0	21.3	43.2	51.5	19.7	26.1	28.8
Carter <sup>1,2</sup>	46.5	11.3	83.3	0.0	23.3	42.5	52.4	21.2	25.6	27.5
Gold ND <sup>1</sup>	48.0	12.8	87.0	0.0	23.8	44.0	52.9	20.8	28.7	29.3
Nече	44.3	15.5	79.3	0.0	21.9	42.9	51.7	17.5	22.6	26.0
Nekoma	46.8	12.3	80.0	0.0	24.8	42.7	51.3	20.9	27.2	28.6
Omega <sup>1</sup>	47.0	11.0	80.8	3.3	22.7	42.8	50.5	13.1	18.3	21.4
Pembina	47.3	12.8	84.5	0.0	22.2	43.2	50.6	17.0	21.4	25.0
Prairie Blue	43.0	13.0	71.5	3.0	21.9	43.9	50.4	13.8	20.0	22.1
Prairie Grande	46.3	12.5	78.0	4.5	21.5	43.4	49.8	17.6	24.1	26.0
Prairie Sapphire	43.5	12.8	73.5	1.3	21.7	42.9	49.9	17.7	25.0	25.9
Prairie Thunder	45.3	11.8	78.0	0.0	21.1	42.4	51.9	19.0	23.4	25.6
Rahab 94	46.0	13.3	79.0	0.0	22.7	43.8	51.4	18.5	24.2	27.1
Shape	45.0	11.8	77.3	0.0	22.5	41.5	49.8	18.9	23.9	26.1
Webster	49.8	13.0	86.3	0.0	23.0	42.9	51.3	21.8	24.7	27.9
York	46.0	13.8	79.5	2.3	22.0	42.4	50.1	14.5	22.4	26.6
CDC Plava	45.0	11.8	76.0	0.0	21.0	44.8	51.9	17.8	--	--
Carter @ 50% SR <sup>3</sup>	46.8	14.0	87.5	0.0	23.0	42.9	51.9	19.7	23.8	27.2
Carter @ 150% SR	46.5	11.3	81.0	0.0	22.1	43.4	52.5	18.1	23.3	--
MEAN	45.8	12.6	79.7	1.4	22.6	43.1	51.0	17.8	--	--
C.V. (%)	1.6	7.2	2.3	174.0	7.6	1.8	2.6	10.0	--	--
LSD 0.10	0.9	1.1	2.2	2.9	2.0	0.9	1.5	2.1	--	--
LSD 0.05	1.1	1.3	2.6	3.4	NS	1.1	1.8	2.5	--	--

\*\* Hail Damage: The trial experienced a moderate degree of hail damage on July 9. The loss in yield due to either seed shatter or head breakage was assessed to be generally uniform across the trial. However, differential reproductive plant development occurred after the storm which was related to plant maturity. Use data with caution and consider the hail damage when utilizing the trial information.

**Planting Date = May 10 ; Harvest Date = August 24 ; Previous Crop = Field Pea**

<sup>1</sup> Denotes 'yellow' seeded varieties.

\*\* All varieties were planted at adjusted seeding rates to attain the planting of 3.2 million PLS/acre

<sup>2</sup> The standard 'Carter' treatment required 42.3 lbs/acre of seed to attain the target trial plant population.

<sup>3</sup> The 'Carter @ 50% SR' was planted at 21.1 lbs/acre and 'Carter @ 150% SR' planted at 63.4 lbs/acre.