

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

Flax							Carrington		
Variety	Days to Bloom	Bloom Duration	Days to PM	Plant Height inch	Oil Content % (9%M)	Test Weight lb/bu	----- Seed Yield -----		
							2017	2-yr. Avg.	3-yr. Avg.
							----- bu/ac -----		
CDC Bethune	54.0	9.5	82.5	22.4	46.2	53.4	31.4	23.9	25.9
CDC Glas	54.3	8.0	80.5	23.4	47.1	52.9	30.7	24.2	27.8
CDC Sanctuary	50.0	14.5	83.5	23.0	46.3	53.4	30.0	24.2	27.1
CDC Sorrel	53.8	11.0	83.8	23.8	47.0	52.7	33.2	25.8	28.3
Neela	50.8	13.0	82.5	23.1	46.2	53.7	26.8	23.3	26.4
Carter ^{1,2}	51.5	12.3	83.0	22.1	45.9	53.8	24.9	23.0	25.4
Gold ND ¹	55.0	10.8	84.8	25.4	47.2	54.1	28.5	24.6	28.6
Nече	50.5	13.5	83.8	24.2	45.7	53.6	27.5	22.5	24.2
Nekoma	53.0	12.5	84.5	24.6	46.6	53.8	29.0	25.0	27.8
Omega ¹	51.3	12.3	79.8	22.6	46.3	53.9	27.9	20.5	21.5
Pembina	52.0	12.8	84.0	25.0	46.1	53.0	26.9	22.0	23.2
Prairie Blue	46.3	15.3	76.0	19.7	46.4	52.5	25.3	19.5	21.8
Prairie Grande	52.3	11.8	83.3	24.0	46.6	52.9	30.1	23.9	26.1
Prairie Sapphire	47.3	14.5	76.5	21.3	45.1	52.9	28.4	23.0	26.1
Prairie Thunder	52.0	13.0	85.5	26.3	45.6	53.8	33.4	26.2	26.7
Rahab 94	50.8	13.8	80.3	24.7	45.8	53.1	30.8	24.6	26.4
Shape	51.5	11.5	80.5	24.0	46.3	53.9	28.6	23.8	25.5
Webster	52.0	12.8	83.3	25.6	46.7	53.9	32.0	26.9	27.1
York	52.0	11.8	85.5	22.7	45.4	53.7	33.4	24.0	26.1
CDC Plava	50.0	13.3	77.3	22.3	46.1	52.9	27.9	22.8	--
Carter @ 50% SR ³	52.3	12.0	84.3	23.9	46.1	53.9	28.8	24.3	25.4
Carter @ 150% SR ³	51.0	12.0	79.5	23.9	44.9	53.8	25.4	21.7	24.0
MEAN	51.7	12.2	82.2	23.6	46.1	53.4	29.9	--	--
C.V. (%)	1.3	7.2	2.3	9.3	1.3	0.6	12.1	--	--
LSD 0.10	0.8	1.0	2.2	2.6	0.7	0.4	4.3	--	--
LSD 0.05	0.9	1.2	2.6	3.1	0.9	0.5	5.1	--	--

Planting Date = May 11 ; Harvest Date = August 22 ; Previous Crop = Field Pea

¹ Denotes 'yellow' seeded varieties.

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

² The standard 'Carter' treatment required 49.2 lbs/acre of seed to attain the target trial plant population.

³ The 'Carter @ 50% SR' was planted at 24.6 lbs/acre and 'Carter @ 150% SR' planted at 73.8 lbs/acre.