

**NDSU North Central Research Extension Center
2017 Flax Variety Trial at Minot**

Variety	10% Bloom DAP ¹	Plant Height inches	Test Weight lbs/bu	Oil Content %	Seed Yield				
					2014	2016	2017	----Average----	
					bushels per acre				
					2014	2016	2017	2 year	3 year
CDC Glas	52	22	54.9	47.1	26.2	26.9	23.6	25.3	25.6
Carter	51	21	56.1	46.0	25.5	30.7	20.3	25.5	25.5
Webster	50	22	55.6	47.0	23.9	28.0	20.5	24.3	24.1
CDC Neela	50	20	55.2	47.7	21.8	25.6	23.5	24.5	23.6
Gold ND	52	22	54.5	47.4	26.0	27.6	16.3	22.0	23.3
CDC Sanctuary	52	22	55.1	45.7	24.8	26.7	18.2	22.5	23.2
Nekoma	50	19	55.2	46.6	22.1	28.8	17.9	23.3	22.9
Rahab 94	51	19	55.1	46.1	25.2	25.3	17.6	21.5	22.7
CDC Sorrel	52	23	55.3	46.1	24.9	26.6	16.6	21.6	22.7
Prairie Thunder	51	21	55.6	46.0	23.6	26.1	17.8	22.0	22.5
CDC Bethune	50	22	55.7	46.8	23.8	24.3	19.3	21.8	22.5
York	47	21	55.8	47.2	23.7	23.9	18.7	21.3	22.1
Bison	49	22	56.1	46.2	25.3	21.6	18.9	20.3	21.9
Shape	48	20	55.6	46.6	24.2	22.4	16.9	19.7	21.2
Omega	49	19	56.8	46.2	22.3	23.8	16.1	19.9	20.7
Prairie Grande	48	20	55.6	46.6	21.5	21.7	17.5	19.6	20.2
Pembina	50	20	56.1	45.4	15.1	26.3	17.5	21.9	19.6
Prairie Sapphire	50	21	55.1	47.8	20.1	15.7	19.3	17.5	18.4
Prairie Blue	50	22	55.7	46.9	18.4	20.1	16.1	18.1	18.2
CDC Plava	50	20	56.0	46.1	--	19.2	17.3	18.3	--
Trial Mean	51	21	55.6	46.5	23.6	24.9	18.4	--	--
C.V.%	2.2	6.6	1.4	2.0	12.5	12.4	15.3	--	--
LSD 5%	2	2	1.2	1.4	4.1	5.0	4.6	--	--
LSD 10%	1	2	1.0	1.2	3.4	4.2	3.8	--	--

¹ Days after Planting

Planting Date: May 9

Harvest Date: August 19

Seeding Rate: 2.5 million PLS/A

Previous Crop: 2013 & 2015 = spring wheat, 2016 = soybean

Soil Type: Williams Loam

Tillage: minimum-till