

Flax Variety Trial **WREC, Williston - 2015**

Variety	Stand %	Days to Flower DAP ¹	Days to Mature DAP ¹	Plant Height inches	Oil ² %		Test Weight ³ lb/bu	Yield ⁴ bu/a		
					2015	3yr avg		2015	2yr avg	3yr avg
Yellow Seeded										
GoldND	93	57	84	23	38.9	39.6	54.2	29.8	24.7	25.6
Carter	94	55	82	22	37.8	38.7	54.2	30.1	24.3	25.0
Omega	94	57	82	21	37.5	38.6	54.5	27.4	24.1	23.4
Brown Seeded										
CDC Sorrel	93	56	80	25	38.8	39.4	53.5	29.5	24.5	27.0
Prairie Blue	95	55	81	23	38.6	39.7	53.7	28.6	24.4	25.7
CDC Glas	91	57	82	22	38.7	39.4	52.7	30.4	24.6	24.9
Neche	95	56	81	24	37.4	38.4	53.9	25.4	23.0	24.6
Rahab 94	94	56	80	20	38.1	39.2	52.8	27.6	23.6	24.5
CDC Sanctuary	95	56	82	24	38.4	39.0	53.3	28.1	23.3	24.3
York	93	56	82	24	37.5	38.3	53.7	26.6	22.7	24.1
CDC Arras	94	56	81	23	37.6	38.4	53.6	26.0	22.4	24.0
Nekoma	93	56	83	22	38.2	39.2	54.2	27.2	23.6	23.9
Lightning	89	57	82	23	38.1	38.9	53.5	25.9	22.6	23.9
Hanley	94	55	79	22	37.8	38.4	53.7	27.7	23.1	23.7
Linott	94	57	82	24	37.0	37.7	53.3	25.8	22.3	23.6
McGregor	94	57	82	22	37.8	38.6	53.7	28.1	22.9	23.6
CDC Bethume	88	57	84	22	37.7	38.5	53.9	27.8	23.0	23.5
Prairie Thunder	95	57	82	24	37.2	38.1	53.9	27.4	22.9	23.0
Prairie Grande	93	56	81	22	38.2	38.8	53.7	27.1	22.3	22.9
Pembina	95	57	82	23	38.4	39.0	53.7	27.7	22.2	22.8
Webster	91	56	82	24	38.4	39.3	53.8	27.5	21.8	22.8
Prairie Sapphire	93	57	82	26	39.3	40.4	52.6	26.9	22.1	22.7
Shape	93	57	82	22	39.3	40.3	53.3	26.2	21.8	22.0
Neela	95	54	79	22	38.6	-	53.2	31.5	24.8	-
Bison	94	55	81	22	37.8	-	53.5	26.2	21.9	-
Mean	92.9	56.3	81.8	22.8	38.17	-	53.56	27.51	-	-
C.V.%	3.2	1.6	2.8	6.3	1.1	-	0.5	9.2	-	-
LSD 5%	4.1	1.3	3.2	2.0	0.61	-	0.38	3.55	-	-
LSD 10%	3.5	1.1	2.7	1.7	0.51	-	0.32	2.97	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Planted: 4/28/15

Harvested: 9/16/15

Harvested area: 56 ft²

Previous crop: spring wheat

Applied fertilizer in lb/a: 3 N : 16 P₂O₅ : 0 K₂O

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 37P:430K OM-1.9 pH-6.0

Soil test to 24" in lb/a: 78N

Chemical Applications: Valor at 3fl.oz/A (preplant fall applied), Spartan Charge at 2.75fl.oz/A (preplant spring applied), Intensity at 8fl.oz/A with Trophy Gold NIS at 1qt/A (6/9)

DAP¹ = Days after planting

Oil² = Oil content adjusted to 9% moisture

Test Weight³ = Test Weight content adjusted to 9% moisture

Yield⁴ = Yield content adjusted to 9% moisture