

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Spring Wheat Dryland Varietal Trial-NDSU: Mountrail County, ND

2015

Cultivar	Yield [‡]			Test weight [‡]	Protein ¹		
	2015	2 yr*	3 yr*	2015	2015	2 yr*	3 yr*
	(bu/a)			(lb/bu)	(%)		
Vida	56.0	67.9	57.2	55.9	12.2	12.9	13.0
Prosper	48.4	60.7	53.7	57.2	11.3	11.8	12.2
Jenna	50.9	60.2	53.1	55.6	11.0	12.4	12.4
Elgin-ND (ND818)	55.1	62.3	52.9	56.9	13.0	12.6	13.1
Mott	51.2	58.6	51.4	57.0	13.9	13.7	13.8
Reeder	50.9	58.5	51.1	55.6	11.0	12.4	12.9
Barlow	51.1	56.4	50.8	57.9	11.9	12.6	13.2
Brennan	48.1	62.1	50.0	57.6	12.9	13.0	13.1
Velva	42.5	57.3	49.5	57.1	11.0	12.1	12.4
SY Soren	46.6	56.5	48.6	57.7	13.2	13.5	13.5
Glenn	42.5	55.8	46.4	60.2	11.6	12.3	13.1
Breaker	48.2	62.8	-	59.5	10.9	11.5	-
LCS Breakaway	49.6	-	-	58.0	11.5	-	-
Vantage	47.7	-	-	58.6	12.3	-	-
LCS Powerplay	43.3	-	-	58.0	10.6	-	-
Mean	51.9	-	-	56.6	12.0	-	-
CV (%)	17.7	-	-	0.9	13.4	-	-
LSD (5%)	-	-	-	0.9	-	-	-
LSD (10%)	-	-	-	0.9	-	-	-

Location of Plots: Latitude 48 9'N; Longitude 102 21'W; Elevation 2291 ft

Previous crop: Flax

Planted: 5/12/2015

Soil type: Williams-Zahl Loam

Harvested: 8/27/2015

[‡]Reported on a 13.5% moisture basis

Applied fertilizers in lb/a: 38N :26P2O5 : 0K2O

¹Reported on a 12.0% moisture basis

Soil test (0-6"): NO₃-N=21lb/a; P=10 ppm; K=334 ppm; pH=7.3; OM=4.4 %

(6-24"): NO₃-N=21 lb/a

Chemical Applications: Supremacy@ 5oz/acre, Discover @ 14oz/acre, Tilt @ 3oz/acre (6/16/15)

3yr avg* = average of 2012, 2013, & 2015

2yr avg* = average of 2013, & 2015