

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

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

2015

Cultivar	Yield [‡]			Test weight [‡] (lb/bu)	Protein ¹		
	2015	2 yr* (bu/a)	3 yr*		2015	2 yr* (%)	3 yr*
Reeder	36.0	51.9	52.7	58.8	15.1	14.9	14.6
Vida	31.2	52.4	52.4	56.0	14.6	14.7	14.2
Velva	33.8	54.8	51.8	57.4	14.4	14.3	14.0
Jenna	31.7	51.1	49.2	56.1	15.6	14.7	14.8
SY Soren	33.4	43.8	46.1	55.5	15.7	15.5	15.4
Brennan	35.4	40.3	46.0	58.0	15.8	15.4	15.0
Barlow	33.2	48.3	45.7	59.3	14.5	14.7	14.6
Elgin-ND (ND818)	30.8	47.7	45.5	55.4	14.8	14.8	14.9
Glenn	27.4	46.8	45.2	59.9	15.2	15.1	14.8
Prosper	25.4	46.0	43.2	54.4	14.5	14.3	14.4
Mott	31.8	46.6	42.4	57.4	14.9	15.1	14.9
Breaker	32.4	49.5	-	59.1	15.9	15.1	-
LCS Powerplay	32.5	-	-	57.4	14.5	-	-
Vantage	32.5	-	-	57.5	16.9	-	-
LCS Breakaway	31.5	-	-	58.1	15.5	-	-
Mean	33.6	-	-	57.0	15.2	-	-
CV (%)	10.1	-	-	2.7	4.1	-	-
LSD (5%)	5.4	-	-	2.6	1.2	-	-
LSD (10%)	4.5	-	-	2.1	1.0	-	-

Location of the McKenzie Offstation Plots: Latitude 47 48'; Longitude 103 25'W; Elevation 2265 ft Previous crop: Flax

Planted: 4/30/2015

Soil type: Dooley-Zahl complex

Harvested: 8/13/2015

[‡]Reported on a 13.5% moisture basis

Applied fertilizers in lb/a: 10N :47P2O5 : 0K2O

¹Reported on a 12.0% moisture basis

Soil test (0-6"): NO₃-N=16lb/a; P=7 ppm; K=190 ppm; pH=7.4; OM=2.4 %
(6-24"): NO₃-N=24 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