

## Spring Wheat Golden Valley Variety Trial - NDSU

Golden Valley County, ND 2016

Variety	Protein <sup>†</sup> (%)	Test weight (lb/bu)	Yield		
			2016 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg* (bu/a)
Velva	13.0	61.2	50.2	50.0	56.4
Elgin-ND	13.2	61.1	46	50.6	54.9
Mott	12.3	61.1	48.7	50.0	53.9
Prosper	11.7	61.1	46.6	47.1	53.9
Jenna	12.1	59.5	43.5	43.5	50.9
SY Soren	13.7	61.3	43	42.1	48.4
SY Rowyn	12.9	60.2	45.1	37.4	46.9
Barlow	14.0	62.8	45.5	37.7	46.6
Brennan	14.1	61.6	43.1	37.4	44.5
Glenn	13.0	63.9	41.1	35.1	41.3
Kelby	15.1	60.9	40.2	33.3	41.0
LCS Prime	11.5	62.8	51	-	-
Reeder	13.3	61.6	50.8	-	-
Faller	12.7	60.5	50.7	-	-
LCS Pro	13.1	62.6	50.3	-	-
LCS Iguacu	12.6	60.7	44.5	-	-
Egan	14.2	58.8	44.1	-	-
Rollag	13.3	61.7	42.6	-	-
LCS Nitro	13.6	59.3	42.1	-	-
SY Ingmar	14.8	61.6	40.1	-	-
Mean	13.2	61.2	45.5	-	-
CV (%)	6.0	0.4	5.8	-	-
LSD (5%)	1.3	0.4	4.4	-	-
LSD (10%)	1.1	0.4	3.7	-	-

Location: Latitude 46° 50'N; Longitude 103° 59'W; Elevation 2890 ft

Previous crop: lentil

Planted: 5-17-2016

Harvested: 08-31-2016

Soil test (0-6"): P=7 ppm; K=202 ppm; pH=7.9; OM=2.5%  
(0-24"): NO<sub>3</sub>-N=35 lb/a

Soil type: Grail-Grassna complex

Applied fertilizers in lb/a: N=29; P<sub>2</sub>O<sub>5</sub>=18; K<sub>2</sub>O=0; S=5

Chemical Applications: Brox-M/Axial Star @ 1.5 pt/ac and 16 oz/ac

<sup>†</sup>Protein adjusted to 12% moisture

\*Average of years 2013, 2014, and 2016