

NORTH DAKOTA STATE UNIVERSITY  
Williston Research Extension Center

**Spring Wheat McKenzie Variety Trial - NDSU**

Variety	Protein <sup>†</sup> (%)	Test weight <sup>‡</sup> (lb/bu)	Yield <sup>#</sup>	
			2016 (bu/a)	2017 (bu/a)
Elgin-ND	13.1	58.6	59.8	40.1
Faller	12.9	56.1	61.8	34.0
SY Ingmar	13.2	58.5	56.6	36.0
Mott	13.7	60.7	53.0	38.2
Glenn	13.3	58.9	58.4	31.8
SY Soren	13.6	59.5	49.3	39.9
Barlow	13.9	57.6	50.8	38.3
Reeder	15.0	57.3	56.1	33.0
Velva	14.0	57.1	44.8	37.6
Bolles	13.9	58.9	-	36.6
Mean	13.6	58.3	54.5	36.6
CV (%)	9.8	2.4	8.6	26.2
LSD (5%)	NS	2.4	7.7	NS
LSD (10%)	NS	2.0	6.4	12.1

Location: Arnegard; Latitude 47° 48' N; Longitude 103° 25' W

Planted: 5/12/2017

Harvested: 8/23/2017

Previous crop: Durum

Soil type: Dooley-Zahl complex

Soil test (0-6"): P=7 ppm; K=216 ppm; OM=2.6%, pH=7.7

(0-24"): NO<sub>3</sub>-N=20 lb/a

Applied fertilizer in lb/a: 79.43 N : 21.2 P : 0 K : 5.3 S Broadcasted

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

<sup>‡</sup>Test weight reported on a 13.5% moisture basis

<sup>#</sup>Yield reported on a 13.5% moisture basis