

## Soybean Conventional Dryland Variety Trial

WREC, Williston, ND 2016

Variety	Company/Brand	Maturity Group <sup>1</sup>	Maturity Date (date)	Plant Height inch	Oil <sup>2</sup>		Protein <sup>3</sup>		Test Weight <sup>4</sup> lb/bu	Yield <sup>5</sup>	
					2016 ----%----	2-Yr Avg ----%----	2016 ----%----	2-Yr Avg ----%----		2016* (bu/a)	2-Yr Avg** (bu/a)
Sheyenne	NDSU	0.7	9/5	26	13.8	14.4	35.6	34.0	52.3	23.0	25.6
Ashtabula	NDSU	0.4	9/3	27	14.2	14.9	34.4	33.7	50.6	24.7	22.9
ND Henson	NDSU	00.0	9/2	26	13.6	14.2	36.4	35.5	52.4	22.5	22.5
Mean			9/4	26.1	13.86	-	35.49	-	51.75	23.41	-
CV (%)			1.5	10.3	3.3	-	3.1	-	0.8	22.1	-
LSD (5%)			2.2	3.8	0.66	-	1.5	-	0.58	7.94	-
LSD (10%)			1.9	3.2	0.55	-	1.28	-	0.48	6.63	-

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

Planting Date: 5/19/2016

Harvest Date: 10/13/2016

Harvested area: 49.2 ft<sup>2</sup>

Previous crop: Barley

Soil test (0-6"): P=20 ppm; K=252 ppm; pH=6.3; OM=2.5%

(0-24"): NO<sub>3</sub>-N=39 lb/a

Applied fertilizer in lb/a: none, seed inoculated with liquid inoculant at planting

Soil type: Williams-Bowbells loam

Chemical Applications: Spartan Charge at 3.5fl.oz/a (preplant spring applied)

Maturity Group<sup>1</sup> = provided by the company

Oil<sup>2</sup> = Oil content adjusted to 13% moisture

Protein<sup>3</sup> = Protein content adjusted to 13% moisture

Test Weight<sup>4</sup> = Test weight content adjusted to 13% moisture

Yield<sup>5</sup> = Yield content adjusted to 13% moisture

\*Due to drought stress, lower than average yields were exhibited

\*\*Yield averages from previous years were not adjusted to 13% moisture