

Soybean Conventional Dryland Variety Trial
WREC, Williston - 2015

Variety	Company/Brand	Maturity Group ¹	Stand %	Maturity Date (date)	Plant Height inch	Oil ²		Protein ³		Test Weight ⁴ lb/bu	Yield ⁵ bu/a		
						2015	3yr avg*	2015	3yr avg*		2015	2yr avg*	3yr avg*
Sheyenne	NDSU	0.7	90	9/13	18	15.0	18.5	32.4	33.8	58.1	28.2	27.3	23.0
Ashtabula	NDSU	0.4	84	9/9	18	15.5	18.9	33.0	34.0	57.6	21.1	23.9	20.2
Traill	NDSU	00.0	81	9/7	18	14.7	18.1	36.8	36.0	58.6	21.5	21.6	17.8
ND Henson	NDSU	0.0	94	9/8	15	14.9	-	34.6	-	58.1	22.6	-	-
Mean			88.6	9/11	16.8	15.06	-	33.55	-	57.70	24.49	-	-
C.V.%			4.4	1.2	9.2	2.4	-	4.3	-	0.6	9.5	-	-
LSD 5%			5.6	1.8	2.2	0.50	-	2.03	-	0.51	3.30	-	-
LSD 10%			4.6	1.5	1.8	0.42	-	1.70	-	0.42	2.76	-	-

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

Planted: 5/26/15

Harvested: 10/1/15

Harvested area: 56 ft²

Previous crop: spring wheat

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

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 37P:430K OM-1.9 pH-6.0

Soil test to 24" in lb/a: 78N

Chemical Applications: Valor at 3fl.oz/A (preplant fall applied), Spartan Charge at 2.75fl.oz/A (preplant spring applied)

Maturity Group¹ = provided by company

Oil² = Oil content adjusted to 13% moisture

Protein³ = Protein content adjusted to 13% moisture

Test Weight⁴ = Test Weight content adjusted to 13% moisture

Yield⁵ = Yield content adjusted to 13% moisture

2yr* = average of 2013 & 2015

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