

**Irrigated Conventional Soybean Variety Trial**
**WREC-Nesson Valley 2015**

Variety	Brand/Company	Maturity Group	Days to	Plant	Protein <sup>2</sup>			Oil			Test	Yield		
			Mature	Height	2014	2015	2 yr. Avg.	2014	2015	2 yr. Avg.	Weight	2014 <sup>3</sup>	2015	2 yr. Avg.
			DAP <sup>1</sup>	inch	-----%-----			-----%-----			lb/bu	-----bu/a-----		
Sheyenne	NDSU	0.7	125	29	31.1	34.1	32.6	13.9	16.8	15.4	57.1	26.2	60.3	43.3
Ashtabula	NDSU	0.4	123	28	32.2	33.9	33.1	14.3	17.2	15.8	56.8	31.1	51.9	41.5
Traill	NDSU	0.0	118	26	33.9	37.5	37.3	13.8	16.6	15.2	58.2	28.3	41.2	34.7
ND-Henson	NDSU	0.0	117	21	-	35.1	35.1	-	17.7	17.7	57.7	-	49.3	-
Mean			119.3	24.9	33.05	35.50	35.15	14.05	17.17	16.22	57.53	29.70	47.47	38.12
C.V.%			1.3	9.3	2.3	1.3	-	1.2	3.0	-	0.5	11.2	9.3	-
LSD 5%			2.5	3.9	-	0.73	-	-	0.83	-	0.50	-	7.40	-
LSD 10%			2.0	3.1	1.10	0.59	-	1.10	0.67	-	0.41	4.30	6.00	-

Location: Latitude 48 9.9222'N; Longitude 103 6.132'W; Elevation 1902 ft

Planted: 5/19/2015

Harvested: 10/9/2015

 Plot size: 61.25 ft<sup>2</sup>

Previous crop: barley

Soil type: Lihen Loamy Fine Sand

Yield goal: 50 bu

Planting population: 200,000 seeds/a

Herbicides Applied: Section 2EC 6oz/a + Destiny 1% v/v (6/26/2015), Raptor 4oz/a + Trophy Gold 2pt/a + 28% 2pt/a (6/26/2015)

Rainfall: 8.5 in (5/19 - 10/1)

Irrigation: 7.5 in (4/21 - 7/27)

 DAP<sup>1</sup> = Days After Planting

 Protein<sup>2</sup> = Protein adjusted to 13% moisture

 2014<sup>3</sup> = Hail damaged trial in August