

**Conventional Soybean Variety Trial at Rugby**

Cooperators: Dave Teigen and the Pierce County Crop Improvement Association

Variety	Maturity	IDC	Plant	Lodging	Protein	Oil	Test	Yield		Avg.
	Group	Rating	Height				Weight	2015	2016	
		1-5*	inches	0-9**	%	%	lbs/bu			
Sheyenne	0.7	2.0	32	0	33.1	15.5	57.4	45.6	68.9	57.2
ND Bison	0.7	2.0	28	0	33.5	15.3	57.4	51.2	62.6	56.9
ND Henson	0.0	2.2	28	0	34.5	16.1	58.5	40.6	65.3	53.0
Ashtabula	0.4	2.1	29	0	32.8	16.4	57.1	39.4	55.6	47.5
Trial Mean		2.1	29	0	33.7	15.8	57.4	41.9	62.4	--
C.V.%		--	0.7	490	0.7	1.2	0.5	6.7	4.7	--
LSD 5%		NS	2	NS	0.3	0.3	0.4	4.0	4.5	--
LSD 10%		NS	2	NS	0.3	0.2	0.3	3.3	3.7	--

\*IDC rating = Iron deficiency chlorosis rating: 1 - green, 3 - yellow, 5 - dead

\*\*Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planting Date: May 24

Planting Rate: 150,000 PLS/A

Row Spacing: Solid Seeded (7" rows)

Harvest Date: October 14

Previous Crop: 2014 = corn, 2015 = wheat

Soil Type: Gardena silt loam

Tillage: Minimum Till

Note: Oil, protein, test weight and yield are adjusted to 13% moisture.