

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Dryland Soybean Conventional Variety Trial - NDSU

WREC, Williston, ND 2017

Variety	Company/Brand	Maturity Group	Maturity Date	Plant Height	Oil ¹		Protein ²		Test Weight	Yield	
					2017	2-Yr Avg	2017	2-Yr Avg		2017	2-Yr Avg
			(date)	inch	----%----		----%----		lb/bu	(bu/a)	(bu/a)
AG 00932	Asgrow (RR Check)	00.9	9/10	15	17.0	15.4	35.1	35.0	54.9	25.7	21.8
AG 00632	Asgrow (RR Check)	00.6	9/8	14	17.0	15.5	36.0	35.5	54.8	19.0	22.3
ND Henson	NDSU	0.0	9/11	16	17.4		35.2	35.8	56.9	26.9	24.7
ND Bison	NDSU	0.7	9/21	19	17.1	-	35.2	-	55.3	23.8	-
Mean			9/12	16.2	17.13	-	35.37	-	55.49	23.86	-
CV (%)			1.2	7.4	1.7	-	1.7	-	1.3	13.7	-
LSD (5%)			2.0	1.8	0.41	-	0.8	-	1.07	4.83	-
LSD (10%)			1.7	1.5	0.34	-	0.7	-	0.89	4.03	-

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

Planting Date: 5/18/2017

Harvest Date: 10/5/2017

Previous crop: Durum

Soil test (0-6"): P=21 ppm; K=250 ppm; pH=6.9; OM=1.8%

(0-24"): NO₃-N=34 lb/a

Applied fertilizer in lb/a: none, seed inoculated with a peat based inoculum at planting

Soil type: Williams-Bowbells loam

Chemical Applications: 3oz./a Valor, 8.5 oz/a Sonalan (preplant fall applied), 2pt./a Basagran (6/4/17)

Oil¹ = Oils are reported on a oven dried basis, 120°F for 4 hours

Protein² = Protein content adjusted to 13% moisture