

Soybean Dryland Conventional Variety Trial -NDSU

WREC, Williston, ND 2019

Variety	Company /Brand	Relative Maturity	Height (in.)	Days to Maturity (DAP)	Protein (%)	Test Weight (lb/bu)	Yield (bu/a)	2-YR Avg Yield (bu/a)
ND Stutsman	NDSU	0.7	25.8	124	31.8	56.7	42.4	-
AG 00835 (RR check)	Asgrow	0.08	21.5	119	31.1	56.3	40.8	-
AG 00937 (RR check)	Asgrow	0.09	23.0	119	33.4	55.2	39.4	-
AG 0835 (RR check)	Asgrow	0.8	26.0	129	30.6	54.7	37.8	-
AG 00632 (RR check)	Asgrow	0.06	23.2	119	33.1	56.7	36.9	28.0
ND Henson	NDSU	0.00	20.3	119	33.1	56.3	36.5	31.7
ND Benson	NDSU	0.4	23.0	129	34.3	56.6	36.0	-
MEAN			22.6	122.1	33.0	56.2	38.6	-
C.V.(%)			9.5	0.8	2.3	1.2	6.2	-
LSD (5%)			3.0	1.3	1.1	0.9	3.4	-
LSD (10%)			2.5	1.1	0.9	0.8	2.8	-

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

Previous crop: German Foxtail Millet

Planted: 5-14-2019

Harvested: 10-07-2019

Planting population: 140,000 seeds/a

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: P=26 ppm K=301 ppm OM=1.8% pH=5.9

Soil test to 24" in lb/a: N=106 lb/a

Applied fertilizers in lb/a: None

Herbicide Applications: Valor @ 3 oz/a with LV6 @ 1pt/a (10/22/18) ; Roundup @32oz/a (6/27/19)