

Soybean Roundup Ready Dryland Variety Trial - NDSU

WREC, Williston, ND 2020

Variety	Company/ Brand	Relative Maturity	Height (in.)	Oil (%)	Protein (%)	Test		
						Weight (lb/bu)	Yield* (bu/a)	2-Yr Avg (bu/a)
LGS0111RX	LG Seeds	0.1	13.2	23.0	37.3	56.7	11.5	26.8
50309N	Integra	0.3	14.7	22.1	36.7	56.5	9.1	26.4
S03XT29	Dyna-Gro Seed	0.3	16.2	22.5	35.7	56.5	9.2	26.3
ND14-6120	NDSU	00.8	12.7	22.3	35.6	56.7	9.9	24.8
S009XT68	Dyna-Gro Seed	00.9	15.9	22.4	37.5	56.8	9.4	24.6
ND17009GT	NDSU	00.9	16.6	22.2	39.4	57.3	9.1	23.8
EL80-093	Proseed	00.9	13.0	22.5	37.7	55.9	7.8	23.1
RX0520	REA Hybrids	0.5	14.5	22.1	39.1	56.3	6.5	22.8
ND18008GT	NDSU	00.8	13.9	22.2	37.7	56.1	7.8	22.6
LGS00899RX	LG Seeds	00.8	13.5	23.4	35.0	55.9	8.1	22.5
20215	Integra	0.2	14.6	22.4	38.5	56.8	9.9	-
XT 70-09	Proseed	00.9	14.5	23.2	35.3	56.4	9.6	-
XT 20-07	Proseed	00.7	13.3	23.2	34.4	56.0	8.9	-
50-10	Proseed	0.1	14.7	22.9	38.4	57.1	8.9	-
ND15-22873	NDSU	0.7	11.8	22.1	36.8	56.9	7.4	-
RX0411	REA Hybrids	0.4	16.4	22.8	39.1	55.1	7.1	-
40201N	Integra	0.2	12.5	23.0	35.7	55.4	6.7	-
S02EN71	Dyna-Gro Seed	0.2	12.3	22.8	36.1	56.1	6.6	-
Mean			14.2	22.6	36.9	56.4	8.5	-
CV (%)			14.7	1.9	2.0	1.2	19.1	-
LSD (5%)			3.0	0.6	1.1	1.0	2.3	-
LSD (10%)			2.5	0.5	0.9	0.8	1.9	-

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

Previous crop: wheat

Planted: 05/15/2020

Harvested: 09/23/2020

Soil test to 6" in ppm: P= 22; K = 264; OM = 1.9; pH = 5.6

Soil type: Williams-Bowbells loam.

Soil test to 24" in lb/a: N = 10 lb/a

Applied fertilizers in N=0; P=0; K=0; S=0

*Yield was very poor do to lack of moisture and early freeze. Froze September 8th @ 26F

Rainfall total during season = 4.38"

Herbicide Application: Valor @ 3 oz/a (10/21/19); Powermax @ 32 oz/a (6/15/20 & 7/14/20)