

Soybeans Roundup Ready Dryland Variety Trial-NDSU

Divide County, ND 2019

Variety	Company/ Brand	Relative Maturity	Protein†	Test Weight (lb/bu)	Yield 2019 (bu/a)
S03XT29	Dyna-Gro	0.3	36.2	55.8	47.8
30-20	Proseed	0.2	37.2	52.6	41.5
S009XT68	Dyna-Gro	00.9	37.8	56.3	41.3
LGS0111RX	LG Seeds	0.1	36.9	54.0	40.5
S01-C4X	Syngenta NK	0.1	35.1	56.0	40.2
ND14-6120	NDSU	0.1	37.1	57.2	35.0
40209 E3	Integra	0.3	36.9	51.9	35.0
M06R-614008GT	UM	00.8	36.6	53.5	34.9
ND17009GT	NDSU	00.9	37.7	56.6	34.9
ND18008GT	NDSU	00.8	36.2	55.9	34.1
20EN02	PFS	0.2	36.8	52.7	29.1
RX0330	REA Hybrids	0.3	36.9	52.3	27.2
Mean			36.8	54.6	36.8
CV %			1.1	1.7	13.8
LSD 0.05			0.7	1.6	8.6
LSD 0.1			0.6	1.3	7.1

Location: Crosby, ND; Latitude 48° 8' N; Longitude 103° 18' W; Elevation 2044 ft.

Planted: 05/06/2019

Harvested: 10/16/2019

Soil test (0-6"): P=14 ppm; K=362 ppm; OM=3.0%.

Previous crop: spring wheat

(0-24"): NO₃-N=14 lb/a.

Soil type: Farnuf-Alkabo

Applied fertilizers in lb/a: none

†Protein adjusted to 13% moisture.

Herbicide Applications: Spartan Charge @ 4oz/a with RT3 @ 32 oz/a (5/6/2019);

Basagran @ 1pt/a with Secure @ 8 oz/a (6/25/2019)