

## Soybean Roundup Ready Variety Trial

WREC, Williston, ND 2016

Variety	Company/Brand	Maturity Group <sup>1</sup>	Stand	Maturity Date	Plant Height	Oil <sup>2</sup>		Protein <sup>3</sup>		Test Weight <sup>4</sup>	Yield <sup>5</sup>	
						2016	2-Yr Avg	2016	2-Yr Avg		2016*	2-Yr Avg**
						----%----		----%----			lb/bu	(bu/a)
LS-00835N RR2	Legacy Seed	0.8	93	9/5	23	14.1	14.9	34.4	33.3	51.8	16.9	18.8
20090	Integra	00.9	94	9/3	22	14.6	15.5	32.9	31.0	52.7	19.0	20.1
LS-0135 RR2	Legacy Seed	0.1	96	9/3	26	14.5	15.4	35.2	33.2	52.6	19.1	21.3
S03RY36	Dyna-Gro	0.3	94	9/9	20	13.5	14.2	37.4	36.2	54.1	18.8	22.0
20300	Integra	0.3	96	9/10	21	13.6	14.5	36.7	33.9	53.5	18.9	23.0
LS-0214 RR2	Legacy Seed	0.2	95	9/6	23	14.2	15.0	36.6	34.5	51.8	23.9	23.6
LS-0334 RR2	Legacy Seed	0.3	96	9/12	20	14.1	14.9	35.6	33.6	53.5	20.0	24.7
66G14	REA Hybrids	0.6	97	9/13	21	13.9	14.3	34.7	33.5	53.1	21.7	25.7
64G94	REA Hybrids	0.4	98	9/5	20	14.7	15.4	33.1	32.3	51.2	25.4	27.1
20097	Integra	00.9	93	9/3	27	14.2	-	35.6	-	52.1	21.0	-
20215	Integra	00.1	92	9/10	17	14.1	-	34.2	-	53.6	19.4	-
50098 R2XTEND	Integra	0.4	94	9/5	22	13.7	-	33.7	-	53.2	17.8	-
6008R2	NuTech	00.8	95	9/2	22	14.6	-	33.1	-	53.1	17.9	-
LS-00834 RR2	Legacy Seed	0.7	92	9/2	20	14.2	-	34.4	-	51.8	18.2	-
R00727	REA Hybrids	00.7	96	8/31	22	14.4	-	33.7	-	49.5	21.5	-
S009RY56	Dyna-Gro	00.9	94	9/4	24	14.2	-	34.2	-	52.5	20.0	-
S04XT77	Dyna-Gro	0.4	93	9/7	19	15.0	-	32.0	-	52.8	17.7	-
Mean			94.6	9/6	21.7	14.20	-	34.56	-	52.53	19.83	-
CV (%)			2.3	1.9	9.6	3.3	-	3.5	-	1.1	12.1	-
LSD (5%)			3.0	2.9	2.9	0.66	-	1.7	-	0.85	3.41	-
LSD (10%)			2.5	2.4	2.5	0.55	-	1.41	-	0.71	2.84	-

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

Planting Date: 5/19/2016

Harvest Date: 9/30/2016

Harvested area: 49.2 ft<sup>2</sup>

Previous crop: Barley

Soil test (0-6"): P=20 ppm; K=252 ppm; pH=6.3; OM=2.5%  
(0-24"): NO3-N=39 lb/a

Applied fertilizer in lb/a: none, seed inoculated with liquid inoculant at planting

Soil type: Williams-Bowbells loam

Chemical Applications: Mad Dog 5.4# at 24fl.oz/a (6/23/2016)

Maturity Group<sup>1</sup> = provided by the companyOil<sup>2</sup> = Oil content adjusted to 13% moistureProtein<sup>3</sup> = Protein content adjusted to 13% moistureTest Weight<sup>4</sup> = Test weight content adjusted to 13% moistureYield<sup>5</sup> = Yield content adjusted to 13% moisture

\*Due to drought stress, lower than average yields were exhibited

\*\*Yield averages from previous years were not adjusted to 13% moisture