

Off-Station Soybean Roundup Ready Variety Trial

WREC, McKenzie County, ND - 2016

Variety	Company/Brand	Maturity Group ¹	Oil ²		Protein ³		Test Weight ⁴	Yield ⁵	
			2016	2-Yr Avg	2016	2-Yr Avg		2016	2-Yr Avg**
			-----%----		-----%----		lb/bu	(bu/a)	(bu/a)
6008R2	NuTech	00.8	16.5	15.5	28.7	33.4	52.1	23.4	24.9
20300	Integra	0.3	14.4	14.6	29.6	33.5	52.2	24.8	29.5
20090	Integra	00.9	15.9	15.1	29.2	33.1	52.4	24.1	29.5
20215	Integra	00.1	15.0	14.7	30.4	34.2	51.5	28.1	29.8
20097	Integra	00.9	16.5	-	29.2	-	52.0	26.7	-
64G94	REA Hybrids	0.4	16.2	-	28.8	-	50.9	28.6	-
66G14	REA Hybrids	0.6	15.2	-	29.0	-	51.6	24.1	-
R00727	REA Hybrids	00.7	15.8	-	29.3	-	49.6	20.1	-
S009RY56	Dyna-Gro	00.9	15.6	-	29.9	-	51.4	22.3	-
S03RY36	Dyna-Gro	0.3	15.5	-	30.1	-	52.3	20.3	-
Mean			15.66	-	29.43	-	51.60	24.25	-
CV (%)			3.0	-	1.0	-	0.7	8.0	-
LSD (5%)			0.80	-	0.5	-	0.63	3.31	-
LSD (10%)			0.66	-	0.42	-	0.52	2.73	-

Location: Latitude 47° 47'N; Longitude 103° 25'W; Elevation 2250 ft

Planting Date: 5/23/2016

Harvest Date: 10/10/2016

Harvested area: 49.2 ft²

Previous Crop: Lentil

Soil test (0-6"): P=7 ppm; K=235 ppm; pH=6.5; OM=2.2%
(0-24"): NO3-N=4 lb/a

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

Soil type: Williams-Belfield-Grail

Chemical Applications: RT3 at 28fl.oz/a (6/24/2016)

Maturity Group¹ = provided by the company

Oil² = Oil content adjusted to 13% moisture

Protein³ = Protein content adjusted to 13% moisture

Test Weight⁴ = Test weight content adjusted to 13% moisture

Yield⁵ = Yield content adjusted to 13% moisture

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