

**2013 Soybean Roundup Ready Variety Trial—Minot**

**North Central Research Extension Center—Minot**

Company/Brand	Variety	Maturity Group	IDC	Days to	Lodging	Protein	Oil	Test Weight	--- Seed Yield ---		
			Rating	Mature					0-9 <sup>c</sup>	2012	2013
			1-5 <sup>a</sup>	DAP <sup>b</sup>	lbs/bu · bushels per acre						
Northstar Genetics	0080R2	00.7	2.3	135	7	36.6	14.1	58.4	--	50.7	--
Northstar Genetics	0057R2	00.5	2.1	136	3	37.6	13.6	59.8	54.8	41.4	48.1
Northstar Genetics	0096R2	00.9	2.2	136	3	35.5	14.9	58.2	57.8	55.9	56.8
Northstar Genetics	0108R2	0.1	2.9	138	2	37.7	13.7	58.6	--	46.4	--
Channel	00806R2	0.08	2.2	131	1	36.5	14.8	58.8	43.9	49.6	46.8
Channel	0205R2	0.2	1.8	135	4	37.0	14.1	59.5	--	45.4	--
Proseed	10-08	0.08	2.5	134	5	35.8	14.5	58.5	42.0	57.9	50.0
Proseed	20-08	0.08	1.8	135	7	36.6	14.5	58.1	48.6	46.5	47.6
Proseed	11-07	0.07	2.1	131	4	37.3	15.0	56.7	56.4	52.5	54.4
Proseed	10-20	0.2	2.3	133	4	36.4	14.3	59.0	36.7	48.9	42.8
Proseed	PX01	0.1	2.4	128	1	37.1	13.6	57.2	--	50.4	--
Proseed	PX02	0.2	2.6	137	3	37.3	14.1	58.4	--	49.9	--
Integra	20090	0.09	2.3	135	3	35.2	15.0	58.3	53.2	56.8	55.0
Integra	20107	0.1	2.9	136	1	37.1	14.1	58.0	--	45.8	--
Integra	20215	0.2	2.6	137	1	37.1	14.3	57.4	--	55.9	--
Integra	20300	0.3	2.5	141	2	36.7	14.1	58.7	67.5	51.2	59.4
Mycogen Seeds	5B005R2	00.5	2.1	128	3	36.4	15.2	57.2	57.1	45.1	51.1
Mycogen Seeds	5G009R2	00.9	2.4	135	3	36.2	14.7	57.6	53.4	50.1	51.8
Mycogen Seeds	5B012R2	0.1	2.2	135	4	37.7	14.1	57.8	--	46.8	--
Asgrow	AG00932	00.9	1.9	131	2	37.0	13.9	57.3	38.9	53.0	46.0
Asgrow	AG0231	0.2	2.2	138	2	36.7	14.3	59.7	45.4	49.5	47.4
Asgrow	AG0333	0.3	2.5	139	2	36.6	14.0	59.4	37.8	52.5	45.1
Dyna-Gro Seed	S008RY43	0.08	1.7	135	6	36.7	14.1	58.8	47.8	38.2	43.0
Dyna-Gro Seed	34RY03	0.3	--	136	1	37.2	15.4	60.2	--	47.9	--
Dyna-Gro Seed	S02RY74	0.2	2.6	131	1	37.1	14.0	56.6	--	57.9	--
Thunder Seed	32005R2Y	00.5	2.4	130	8	35.9	15.1	56.7	53.4	50.3	51.8
Thunder Seed	31009R2Y	00.9	2.3	130	4	36.1	14.6	56.9	49.1	59.9	54.5
Thunder Seed	33009R2YN	00.9	1.7	137	8	36.7	14.4	58.5	41.1	37.5	39.3
Thunder Seed	3201R2Y	0.1	2.3	136	3	36.5	15.0	58.4	47.9	47.9	47.9
Thunder Seed	3202R2Y	0.2	2.9	139	5	36.7	14.3	60.2	49.2	45.3	47.2
Peterson Farms Seed	PFS 14R008	00.8	2.2	128	2	36.5	14.5	57.5	--	54.6	--
Peterson Farms Seed	PFS 11R01	0.1	2.4	131	2	36.2	14.9	58.1	--	53.2	--
Peterson Farms Seed	PFS 14R02	0.2	2.4	137	1	37.9	13.4	57.8	--	49.6	--
Gold Country Seed	0053	00.5	2.4	129	3	37.8	13.7	57.1	--	52.6	--
NuTech/G2 Genetics	0090	0.09	2.2	130	6	37.7	15.1	57.3	45.3	44.6	45.0
NuTech/G2 Genetics	6021	0.2	--	136	1	38.0	14.1	58.0	--	44.0	--
NuTech/G2 Genetics	6043	0.4	2.9	139	1	36.4	14.5	58.0	--	50.0	--
NuTech/G2 Genetics	6052	0.4	1.9	137	3	36.4	15.0	58.6	--	51.7	--
Seeds 2000	0091RR2Y	0.09	--	127	2	39.8	14.6	58.8	43.0	41.8	42.4
Trial Mean				134	3	36.9	14.4	58.2	47.8	49.5	--
C.V.%				1.0	38	1.8	2.2	0.7	5.9	5.3	--
LSD 10%				2	2	0.9	0.4	0.6	3.3	3.6	--

<sup>a</sup> IDC rating = Iron deficiency chlorosis rating: 1 - green, 3 - yellow, 5 - dead <sup>b</sup> DAP = days after planting.

<sup>c</sup> Lodging: 0 = none, 9 = lying flat on the ground. NS = no statistical difference between varieties.

Planting Date: May 17

Row Spacing: Solid Seeded (6" rows)

Previous Crop: 2012 = durum, 2011 = summer fallow

Note: Oil, protein, test weight and yield are adjusted to 13% moisture.

Planting Rate: 200,000 PLS/A

Harvest Date: October 26

Soil Type: Williams loam