

**North Central Research Extension Center—Minot
Soybean Variety Trial—Roundup Ready—Wells County**

Company	Variety	Maturity Group	Plant Height	Days		Lodge	Seed Weight	Test Weight	Protein %	Oil %	Seed Yield			2003	2004	2005	Year	Year
				to Maturity	to Lodging						g/1000	lb/bu	bu/A					
Monsanto/Asgrow	AG00603	00.6	33	146	0.0	145.5	57.4	33.9	17.6	--	--	49.0	--	--				
Monsanto/Asgrow	AG0202	0.2	37	149	0.0	171.0	57.5	34.5	17.8	--	--	56.5	--	--				
Croplan Genetics	RT0043	00.5	31	145	0.0	124.5	56.3	34.9	18.2	--	--	48.0	--	--				
Croplan Genetics	RT0079	00.7	34	147	0.0	121.3	55.9	34.6	18.0	--	60.2	38.6	49.4	--				
Croplan Genetics	RT0103	0.1	34	146	0.0	136.8	57.5	37.1	17.8	--	--	56.9	--	--				
Monsanto/Dekalb	DKB009-51	00.9	39	148	0.0	164.8	55.8	35.5	17.7	--	51.6	47.0	49.3	--				
Dyna-Gro	30B04	00.4	31	145	0.0	120.8	56.8	34.0	18.5	--	--	53.1	--	--				
Dyna-Gro	30M09	00.9	31	147	0.0	145.8	57.5	36.6	18.0	--	--	58.0	--	--				
Gold Country Seed	GCS825RR	00.8	34	146	0.0	117.3	57.0	34.9	18.2	--	54.5	44.4	49.5	--				
Gold Country Seed	GCS926RR	00.9	34	148	0.0	140.8	57.4	36.9	18.0	--	--	55.6	--	--				
Gold Country Seed	GCS426RR	00.4	31	146	0.0	123.0	56.3	33.3	18.8	--	--	50.4	--	--				
Hyttest	HTS0050RR	00.5	33	146	0.0	125.3	56.6	34.9	18.1	--	--	49.1	--	--				
Hyttest	HTS0200RR	0.2	31	147	0.0	140.3	56.9	34.6	17.9	--	--	46.1	--	--				
NDSU	RG200RR	0.0	37	148	0.0	147.5	58.2	37.7	16.6	--	53.4	51.4	52.4	--				
NDSU	RG405RR	0.5	36	149	0.0	155.5	57.6	35.5	18.1	--	38.9	45.5	42.2	--				
PM Check	AG0301	0.3	34	147	0.0	141.0	56.3	32.6	18.5	--	58.7	46.1	52.4	--				
PM Check	AG0801	0.8	40	149	0.0	140.0	57.4	33.5	18.1	--	40.4	47.1	43.8	--				
Syngenta Seeds	S01-T5	0.1	35	146	0.0	167.5	56.0	35.3	18.3	--	--	44.4	--	--				
Syngenta Seeds	X5005R	00.5	30	145	2.0	151.8	55.2	37.1	17.6	--	--	38.1	--	--				
Syngenta Seeds	S02-M9	0.2	37	146	0.0	157.8	57.8	37.3	18.3	--	58.5	51.5	55.0	--				
Syngenta Seeds	S04-Z9	0.4	40	147	0.0	174.5	58.3	37.3	18.0	--	63.6	54.3	59.0	--				
North Star Genetics	NS0056RR	00.9	35	145	0.0	115.3	57.1	36.4	18.1	--	59.6	51.1	55.4	--				
North Star Genetics	NS0099RR	00.9	37	147	0.0	114.5	57.3	37.4	17.6	--	--	53.9	--	--				
PFS	PFS04009RR	00.9	34	146	0.0	114.0	57.6	37.4	17.8	--	60.2	53.5	56.9	--				
PFS	PFS0502RR	0.2	34	148	0.0	146.5	56.4	34.5	18.1	--	51.0	49.3	50.2	--				
PFS	PFS0303RR	0.3	36	147	0.0	132.3	57.9	37.9	17.7	--	50.4	48.9	49.7	--				
Proseed	RR20-09	00.9	33	145	0.0	145.0	55.6	36.3	18.1	--	63.1	44.7	53.9	--				
Proseed	RR20-11	0.1	29	97	0.0	144.5	57.2	32.9	18.7	--	62.6	39.6	51.1	--				
Proseed	RR40-20	0.2	34	146	0.0	148.5	56.8	33.8	18.2	--	--	56.1	--	--				
Proseed	RR20-40	0.4	34	148	0.0	148.5	56.3	35.5	18.1	--	68.2	42.2	55.2	--				
Proseed	RR0069	0.6	32	149	0.0	163.5	56.1	34.7	18.0	--	--	45.1	--	--				
Proseed	RR40-08	0.8	35	146	0.0	115.0	57.9	38.1	17.3	--	--	52.2	--	--				
Stine Seed Co.	S0260-4	0.2	33	112	0.0	145.0	56.6	35.4	17.7	--	--	42.1	--	--				
Pulse USA	USAEXPTL 3	00.8	37	146	0.0	127.5	56.3	34.7	18.4	--	--	56.2	--	--				
Pulse USA	USAEXPTL 4	00.4	34	146	0.0	146.5	55.3	37.3	17.8	--	--	46.6	--	--				
LSD 5%	--	--	5	NS	0.4	10.5	0.9	2.4	0.6	--	8.3	6.2	--	--				
C.V.%	--	--	10.4	12	--	3.6	1.1	4.7	2.4	--	11.2	9.1	--	--				
Mean	--	--	34	144	0.1	141.0	56.9	35.6	18.0	--	53.2	49.0	--	--				

Maturity group provided by company

Days to physiological maturity at R7 stage (one brown or tan pod on stem)

DAP=Days after planting

NDSU/RG=Roughrider Genetics

Lodging score based on scale 0-9 (0=upright, 9=flat)