

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

Company	Variety	Maturity Group	Plant Height	Days		Seed Weight	Test Weight	Protein %	Oil %	Seed Yield			
				to Maturity	DAP					2003	2004	2005	
Monsanto/Asgrow	AG00603	00.6	20	111	140.8	56.0	32.7	18.7	--	--	37.8	--	--
Monsanto/Asgrow	AG0202	0.2	24	115	153.5	56.3	32.3	18.5	--	--	37.9	--	--
Croplan Genetics	RT0043	00.5	22	116	114.0	55.3	33.2	18.9	--	--	39.7	--	--
Croplan Genetics	RT0079	00.7	21	121	128.3	55.5	34.1	18.7	--	60.2	36.4	48.3	--
Croplan Genetics	RT0103	0.1	24	118	126.0	56.4	33.9	18.5	--	--	42.3	--	--
Monsanto/Dekalb	DKB009-51	00.9	26	119	139.8	55.4	33.8	18.7	--	51.6	37.3	44.5	--
Dyna-Gro	30B04	00.4	21	113	131.8	55.2	32.7	19.1	--	--	35.4	--	--
Dyna-Gro	30M09	00.9	21	118	117.8	56.3	33.9	18.3	--	--	46.6	--	--
Gold Country Seed	GCS825RR	00.8	25	116	116.0	56.5	35.0	18.7	--	54.5	41.0	47.8	--
Gold Country Seed	GCS926RR	00.9	22	120	118.0	56.1	33.8	18.8	--	--	41.5	--	--
Gold Country Seed	GCS426RR	00.4	21	117	118.0	56.0	32.2	19.3	--	--	36.9	--	--
Hystest	HTS0050RR	00.5	24	120	111.8	57.0	34.6	18.6	--	--	39.0	--	--
Hystest	HTS0200RR	0.2	24	125	119.5	56.2	32.3	18.9	--	--	39.6	--	--
NDSU	RG200RR	0.0	23	124	139.3	57.6	34.9	17.7	--	53.4	36.8	45.1	--
NDSU	RG405RR	0.5	28	131	138.3	56.9	34.5	18.6	--	38.9	33.3	36.1	--
PM Check	AG0301RR	0.3	26	125	138.8	56.8	31.9	18.5	--	54.1	40.6	47.4	--
PM Check	AG0801RR	0.8	29	128	141.8	56.8	33.1	18.6	--	40.4	44.8	42.6	--
Syngenta Seeds	S01-T5	0.1	22	119	152.5	56.1	35.6	18.3	--	--	37.3	--	--
Syngenta Seeds	X5005R	00.5	21	123	161.5	54.9	35.8	18.2	--	--	30.0	--	--
Syngenta Seeds	S02-M9	0.2	25	126	158.5	56.8	35.9	18.8	--	58.5	42.8	50.7	--
Syngenta Seeds	S04-Z9	0.4	26	127	163.3	57.0	35.0	18.9	--	63.6	32.9	48.3	--
North Star Genetics	NS0056RR	00.9	23	114	169.5	56.4	34.0	18.8	--	59.6	30.5	45.1	--
North Star Genetics	NS0099RR	00.9	23	120	112.0	56.5	34.7	18.8	--	--	37.9	--	--
PFS	PFS04009RR	00.9	21	112	107.3	56.4	33.6	18.7	--	60.2	25.8	43.0	--
PFS	PFS0502RR	0.2	22	124	128.3	56.3	32.9	18.7	--	51.0	42.0	46.5	--
PFS	PFS303RR	0.3	20	124	129.5	56.5	34.4	18.7	--	50.4	25.0	37.7	--
Proseed	RR40-08	00.8	22	118	118.0	56.9	34.7	18.8	--	--	37.0	--	--
Proseed	RR20-09	00.9	22	119	125.3	55.4	34.0	19.0	--	63.1	36.3	49.7	--
Proseed	RR50-00	0	25	119	136.0	56.1	34.0	19.1	--	--	46.5	--	--
Proseed	RR50-10	0.1	23	120	135.3	55.3	33.5	18.9	--	--	41.4	--	--
Proseed	RR20-11	0.1	23	124	144.8	56.1	34.0	18.8	--	62.6	40.1	51.4	--
Stine Seed Co.	S0260-4	0.2	25	128	144.5	55.3	32.8	18.8	--	47.2	43.2	45.2	--
Pulse USA	USAEXPT3	00.8	23	118	130.0	55.5	32.7	18.8	--	--	41.6	--	--
Pulse USA	USAEXPT4	00.4	22	117	119.5	55.4	33.9	18.6	--	--	40.2	--	--
LSD 5%	--	--	4	9	20.0	0.5	1.6	NS	--	6.3	9.0	--	--
C.V.%	--	--	9.5	5	7.4	0.5	2.9	2.2	--	15.4	14.4	--	--
Mean	--	--	23	120	133.3	56.2	33.9	18.7	--	29.1	38.1	--	--

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