

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

Company	Variety	Maturity Group <sup>1</sup>	Days		Plant Height	Seed Weight	Test Weight	Protein %	Oil %	Seed Yield			
			Maturity to Maturity	DAP <sup>2</sup>						in	g/1000	lb/bu	%
Asgrow	AG00603	0.06	72	27	130.5	56.7	36.5	19.1	--	38.6	56.4	47.5	--
Asgrow	AG0202	0.2	79	30	152.5	55.9	35.7	19.5	--	46.5	60.9	53.7	--
Asgrow	AG0301	0.3	81	23	129.7	54.9	34.9	19.9	47.7	41.0	53.4	47.2	47.4
Croplan	RT0043	0.04	71	23	115.5	55.6	36.1	19.6	--	41.4	50.0	45.7	--
Croplan	RT0103	0.1	77	28	120.1	55.7	36.5	20.0	--	43.5	65.6	54.6	--
Croplan	RT0406	0.4	83	33	147.7	55.3	35.2	20.2	--	--	64.4	--	--
Dekalb	DKB009-51	0.09	74	29	141.2	55.2	36.0	19.4	54.3	39.2	52.9	46.1	48.8
Dekalb	E5007ARR	0.07	70	22	109.1	55.2	35.7	19.8	--	--	48.7	--	--
Dyna Gro	30B04	00.4	72	27	113.4	55.4	35.0	20.2	--	44.3	59.9	52.1	--
Dyna Gro	30M09	00.9	76	28	122.4	55.7	37.1	19.7	--	45.9	57.0	51.5	--
Gold Country	426RR	0.08	72	26	107.9	55.3	35.5	19.8	--	41.9	55.1	48.5	--
Gold Country	923RR	0.0	75	26	104.3	56.4	36.0	19.7	--	--	56.0	--	--
NDSU/RG <sup>3</sup>	RG 603RR	0.2	79	32	144.4	56.4	37.8	18.9	--	--	56.5	--	--
NDSU/RG <sup>3</sup>	RG 604RR	0.3	77	30	136.2	56.4	36.7	19.3	--	--	55.3	--	--
NDSU/RG <sup>3</sup>	RG 6008RR	00.8	69	25	138.4	57.1	38.9	18.5	--	37.7	44.8	41.3	--
NDSU/RG <sup>3</sup>	RG 600RR	0.0	71	29	139.9	56.7	36.2	19.8	--	--	52.5	--	--
NDSU/RG <sup>3</sup>	RG 601NRR	0.1	77	34	129.6	56.7	37.2	19.2	--	--	61.7	--	--
NDSU/RG <sup>3</sup>	RG 200RR	0.0	74	30	129.2	56.8	39.0	18.5	46.5	37.8	50.0	43.9	44.8
NDSU/RG <sup>3</sup>	RG 405RR	0.5	81	28	144.9	55.6	35.5	20.5	37.7	38.7	48.2	43.5	41.5
North Star G.	NS 0021RR	0.04	84	37	127.7	55.6	36.3	19.5	--	--	66.1	--	--
North Star G.	NS 0091RR	0.02	78	37	123.1	55.5	36.7	19.9	--	--	69.4	--	--
PFS	0303RR	0.3	78	32	126.0	56.2	37.9	19.3	41.5	41.8	57.5	49.7	46.9
PFS	04009RR	00.9	73	25	104.7	56.2	37.0	19.5	60.7	40.3	55.4	47.9	52.1
PFS	0502RR	0.2	75	24	134.3	55.1	34.1	20.0	50.2	39.3	57.1	48.2	48.9
PFS	07006RR	00.6	76	29	137.4	56.1	36.5	19.3	--	--	59.9	--	--
PFS	07009RR	00.9	76	28	125.3	56.0	37.5	19.6	--	--	64.0	--	--
Proseed	RR0069	0.6	82	32	152.0	55.2	35.3	19.6	--	--	65.6	--	--
Proseed	RR20-05	00.5	70	27	121.2	55.2	38.6	18.3	47.5	35.1	51.1	43.1	44.6
Proseed	RR20-09	00.9	71	27	127.1	54.9	38.1	19.4	55.4	40.4	58.7	49.6	51.5
Proseed	RR20-11	0.1	83	26	147.8	55.0	35.6	20.2	59.5	42.9	58.1	50.5	53.5
Proseed	RR40-08	00.8	73	28	106.5	56.5	37.8	18.9	--	41.3	63.0	52.2	--
Proseed	RR40-20	0.2	74	30	129.4	55.5	34.8	19.6	--	--	58.1	--	--
Proseed	RR50-00	0.0	76	24	125.4	55.9	37.8	19.4	--	--	57.3	--	--
Proseed	RR50-04	00.4	74	26	123.5	55.1	36.6	19.3	--	39.3	49.6	44.5	--
Proseed	RR50-07	00.7	70	26	113.6	55.4	35.1	19.9	--	47.5	52.0	49.8	--
Proseed	RR50-10	0.1	79	35	146.2	54.7	35.4	19.4	--	--	67.5	--	--
Proseed	RR60-05	00.5	76	29	128.9	55.2	35.8	19.8	--	--	65.7	--	--
Proseed	RR60-06	00.6	76	28	143.7	56.3	36.1	19.6	--	--	54.8	--	--
Proseed	RR60-07	00.7	75	27	127.0	55.0	37.4	18.7	--	--	53.7	--	--
Proseed	RR60-20	0.2	81	26	129.4	55.2	36.5	19.2	--	--	56.5	--	--
Proseed	RR60-40	0.4	85	28	156.6	55.4	35.8	20.0	--	--	66.3	--	--
PSI	95009RR	0.09	76	28	107.3	56.4	36.6	19.3	--	--	62.2	--	--
PSI	97003RR	0.03	78	27	125.0	55.7	37.5	19.0	--	--	63.2	--	--
Stine	S0090-84	00.9	79	26	127.4	55.1	35.3	19.9	--	--	61.5	--	--

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Soybean Variety Trial—Roundup Ready (continued)**

Company	Variety	Maturity Group <sup>1</sup>	Days		Seed Weight	Test Weight	Protein %	Oil %	Seed Yield						
			to Maturity	Plant Height					2004	2005	2006	2007	2008		
									-----bu/A-----		2	3			
														Year	Year
Thunder	26004RR	00.4	DAP <sup>2</sup> 75	27	125.4	54.8	37.2	19.0	--	--	50.5	--	--		
Thunder	26006RR	00.6	77	27	127.9	55.5	36.2	19.6	--	--	60.2	--	--		
Thunder	27003RR	00.3	70	29	118.6	55.5	36.2	19.6	--	--	51.2	--	--		
Thunder	27005RR	00.5	75	26	127.7	55.4	34.6	20.2	--	--	60.4	--	--		
LSD 5%	--	--	5	8	9.1	0.6	1.5	0.6	8.3	2.9	11.8	--	--		
C.V.%	--	--	4.7	19.2	3.5	0.7	3.0	2.0	12.4	5.1	14.9	--	--		
Mean	--	--	75	28	129.8	55.8	36.6	19.4	47.6	41.0	56.6	--	--		

<sup>1</sup> Maturity group provided by company

<sup>2</sup> DAP=Days after planting

<sup>3</sup> NDSU/RG=Roughrider Genetics