

NDSU Langdon Research Extension Center
2010 Variety Trial Data

Soybean - Roundup Ready - 2010

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Brand	Variety	Maturity Group ¹	Plant Height	Maturity date ²	Visual Stand %	White Mold 0-9	Lodging 0-9	Protein %	Oil %	Test Weight lbs/bu	Yield				
											2008	2009	2010	2 year	3 year
AgSource	6003	00.8	37	9/22	98	0.8	2.6	32.8	17.9	57.0	--	--	51.7	--	--
AgSource	6012	00.8	47	9/20	98	2.0	5.7	33.9	17.9	57.0	--	--	53.2	--	--
AgSource	6009	00.9	38	9/21	99	3.6	3.4	33.2	18.1	57.6	--	--	44.4	--	--
Dyna-Gro Seed	30P05	00.5	33	9/12	94	0.9	0.6	34.4	18.9	56.8	--	--	46.6	--	--
Dyna-Gro Seed	30RY09	00.9	42	9/20	98	1.3	4.6	33.5	17.7	57.5	--	--	57.5	--	--
Dyna-Gro Seed	35RY01	0.1	45	9/20	100	3.7	5.8	33.3	18.3	57.9	--	--	47.7	--	--
Dyna-Gro Seed	32B02	0.2	32	9/11	93	0.9	0.1	34.2	18.7	56.9	--	--	44.1	--	--
G2 NuTech	6005	00.5	36	10/1	92	0.4	1.5	34.4	17.3	57.7	--	--	48.6	--	--
G2 NuTech	6008	00.8	37	9/19	97	0.5	0.3	33.9	17.9	55.6	--	--	49.9	--	--
G2 NuTech	0090 RR	00.9	38	9/19	97	2.9	4.5	34.8	18.7	57.2	--	--	48.3	--	--
G2 NuTech	6030	0.2	35	9/26	93	3.2	3.0	33.7	17.5	56.4	--	--	41.4	--	--
G2 NuTech	6049	0.2	44	9/27	91	1.1	4.0	32.3	18.3	57.1	--	54.3	50.2	52.2	--
Hefty Seed	H0086R	00.8	40	9/19	90	1.9	3.9	34.0	18.5	57.4	41.7	53.3	49.8	51.6	48.3
Hefty Seed	H0099R	00.9	40	9/19	82	1.4	4.3	33.5	18.5	56.8	40.6	55.3	43.0	--	46.3
Hefty Seed	H008Y11RR2Y	00.8	43	9/22	98	1.6	4.0	33.5	17.8	56.6	--	--	61.2	--	--
Hyland Seeds	RR Russell	00.5	43	9/12	94	5.0	6.6	33.5	19.0	58.0	--	--	42.2	--	--
Hyland Seeds	HS 02R28	0.2	43	9/25	94	4.0	5.3	32.8	17.6	63.0	--	--	39.6	--	--
Hyland Seeds	EXP 009RY01	00.9	41	9/20	97	2.6	3.8	33.4	18.0	57.1	--	--	56.9	--	--
Hyland Seeds	EXP 01RY02	0.2	41	9/23	96	3.3	3.5	33.3	17.8	56.8	--	--	49.3	--	--
Hyland Seeds	HXR2Y20	0.2	42	9/22	97	0.7	0.5	34.6	17.4	55.7	--	--	50.2	--	--
Integra/Wilbur Ellis	20090 R2Y	00.9	42	9/22	94	2.8	4.1	32.8	18.4	57.4	--	--	55.1	--	--
Integra/Wilbur Ellis	97007RS	00.7	40	9/25	100	3.0	5.0	33.8	17.5	56.4	--	--	45.9	--	--
Integra/Wilbur Ellis	97001R	00.3	35	9/12	92	1.7	1.8	34.3	18.8	57.2	38.4	55.4	56.2	55.8	50.0
Mon/Asgrow	AG00501	00.5	46	9/18	100	0.5	5.3	32.6	18.2	57.6	41.6	55.7	59.4	57.5	52.2
Mon/Asgrow	AG00931	00.9	42	9/21	97	4.9	6.9	34.8	17.6	57.5	--	--	40.6	--	--
Mustang Seed	M-0096RR	00.9	39	9/19	91	2.1	3.0	35.2	18.5	56.0	--	--	47.6	--	--
Mustang Seed	00971	00.9	44	9/21	96	1.8	4.6	33.8	17.8	57.5	--	--	60.3	--	--
NK Brand	S01-C9	0.1	42	9/16	100	3.7	4.5	35.1	18.6	58.5	41.3	52.1	47.2	49.6	46.9
NK Brand	S02-K3	0.2	41	9/21	97	2.6	3.5	33.7	18.6	57.6	--	51.4	56.5	53.9	--
NorthStar Genetics	NS0084RR	00.8	40	9/18	85	2.1	3.9	33.7	18.5	56.6	39.9	58.0	47.4	52.7	48.4
NorthStar Genetics	NS0011RR	00.4	35	9/12	91	1.3	2.1	32.9	19.3	56.5	--	--	55.4	--	--
NorthStar Genetics	NS0024RR	00.4	33	9/13	93	1.0	2.0	32.9	19.3	57.6	--	--	52.5	--	--
NorthStar Genetics	NS0034RR	00.4	33	9/14	88	0.2	1.2	33.6	19.0	57.0	--	50.2	46.2	48.2	--
NuTech	6007	00.7	46	9/19	97	3.1	5.7	33.8	17.9	57.0	--	--	54.2	--	--

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											2008	2009	2010	2 year	3 year
NuTech	6011	0.1	37	9/24	87	1.0	1.6	34.2	17.5	56.1	--	--	45.6	--	--
NuTech	6006	0.1	46	9/25	96	2.2	5.4	32.2	18.3	56.7	--	--	53.7	--	--
NuTech	6022	0.2	39	9/22	92	1.9	4.1	33.3	18.4	58.3	48.1	63.0	60.2	61.6	57.1
PFS	EX2010.01RR2Y	0.1	38	9/22	96	2.6	4.6	32.8	18.3	56.5	--	--	53.7	--	--
PFS	07008RR	00.8	37	9/17	88	2.0	3.2	33.5	18.8	57.4	44.9	56.9	52.0	54.5	51.3
PFS	11008RR	00.8	38	9/24	92	0.7	2.7	33.5	17.9	57.0	--	--	49.2	--	--
PFS	1000RR	0.1	38	9/25	90	1.2	4.1	32.9	18.1	57.4	--	53.1	52.7	52.9	--
Pioneer Brand	900Y71	00.7	33	9/11	92	0.3	0.1	35.6	17.5	55.9	--	--	47.3	--	--
Proseed	10-06	00.6	39	9/23	94	0.5	2.4	31.4	18.3	57.8	--	--	49.2	--	--
Proseed	P2 10-08 RR2Y	00.8	43	9/20	98	2.6	4.6	33.7	18.0	56.7	--	--	62.1	--	--
REA	5825RR	00.4	32	9/12	85	0.9	1.7	31.7	19.7	57.9	--	--	52.7	--	--
REA	5909RR	00.9	40	9/21	97	1.0	2.4	33.6	17.7	57.7	--	--	53.2	--	--
REA	59G51	00.9	40	9/19	96	1.8	3.6	31.9	18.6	57.1	--	--	58.6	--	--
Stine	0046-4	00.5	35	9/12	90	1.7	2.1	32.8	19.5	56.8	--	--	52.2	--	--
Thunder Seed	29004RR	00.4	37	9/21	69	1.0	3.3	33.0	18.5	56.4	--	53.8	43.5	48.6	--
Thunder Seed	31009R2Y	00.9	41	9/21	95	2.5	4.1	33.0	18.5	57.2	--	--	57.9	--	--
Thunder Seed	30005RR	00.5	40	9/28	87	1.4	2.1	33.0	17.9	57.1	--	51.7	52.3	52.0	--
Thunder Seed	29008RR	00.8	37	9/24	93	1.8	2.7	33.4	17.7	55.8	--	40.4	42.6	--	--
Thunder Seed	29002RR	00.2	37	9/13	92	2.3	4.9	34.8	18.0	57.7	--	--	51.0	--	--
Wensman Seed	W 20051RR	00.5	37	9/14	95	2.8	2.6	33.9	19.0	56.5	43.4	52.4	47.7	50.0	47.8
Wensman Seed	W 30084R2	00.8	43	9/20	100	3.7	4.9	33.7	17.8	57.7	--	--	58.9	--	--
Wensman Seed	W 30091R2	00.8	45	9/23	99	2.4	4.8	33.3	18.3	56.5	--	--	52.1	--	--
Trial Mean			39	9/20	94	2.0	3.5	33.5	18.2	57.1	42.8	48.2	50.9	--	--
C.V. %			9.4	1.7	6.7	75.0	39.7	2.4	1.8	2.2	7.7	8.6	10.1	--	--
LSD 5%			5.2	2.8	8.8	2.1	1.9	1.6	0.7	1.8	4.6	5.8	7.2	--	--

¹Maturity Group provided by company

²Days to physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

³Sclerotinia stem rot (white mold) rating. Visual estimate of severity of white mold. 0=none, 9= severe.

Yield, oil and protein reported at 13% moisture.

Planting Date: May 21

Harvest Date: October 11.