

NDSU Langdon Research Extension Center
2011 Variety Trial Data

Soybean - Roundup Ready - 2011

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Brand	Variety	Maturity Group ¹	Maturity date ³	Plant Height in	Lodging 0-9	Protein %	Oil %	Test Weight lbs/bu	Yield	
									2011	2-yr Avg.
ASGROW	AG00632	00.6	9/12	44.9	3.6	33.1	19.1	55.7	62.3	--
ASGROW	AG00931	00.9	9/14	40.1	6.8	33.6	19.4	57.2	62.7	51.6
ASGROW	AG00932	00.9	9/12	44.1	1.0	33.8	18.6	56.7	66.5	--
Croplan	R2T0091	00.9	9/14	43.9	4.8	32.0	19.9	57.4	69.3	--
Croplan	R2T0085	00.8	9/14	45.2	4.2	32.9	19.0	56.8	67.1	--
Croplan	RT0090	00.9	9/14	41.4	5.3	32.0	19.8	58.3	59.9	--
Croplan	RT0093	00.9	9/11	44.1	1.5	34.6	19.4	56.4	61.6	--
Dyna-Gro	30RY04	00.4	9/12	40.7	1.6	33.5	20.1	56.4	64.5	--
Dyna-Gro	30RY07	00.7	9/14	42.6	3.2	33.9	19.6	55.7	64.8	--
Dyna-Gro	30RY09	00.9	9/14	43.9	4.8	32.6	19.1	55.2	67.4	62.4
Dyna-Gro	35RY01	0.1	9/14	44.1	4.5	32.2	19.9	57.3	66.9	57.3
Gold Cntry	0071	00.7	9/15	44.5	4.3	32.0	19.1	56.3	66.2	--
Gold Cntry	0140	0.1	9/13	45.5	3.4	33.0	18.9	56.5	67.2	--
Hefty	H004Y12	00.4	9/10	40.8	0.8	33.1	20.0	57.0	56.3	--
Hefty	H007Y12	00.7	9/12	43.2	2.3	34.8	19.7	56.8	58.2	--
Hefty	H00Y12	0.0	9/14	36.8	0.3	34.5	19.5	56.9	61.9	--
Hefty	H01Y11	0.1	9/15	45.7	2.4	32.9	19.3	57.1	57.9	--
Hyland	HS 009RY01	00.9	9/14	44.6	4.1	32.9	18.9	57.4	61.9	59.4
Hyland	HS 01RY02	0.1	9/16	45.7	4.1	32.5	19.1	56.5	60.2	54.8
Integra	97001R	00.3	9/5	37.4	0.3	32.6	20.3	55.7	60.2	--
Integra	20052 R2Y	00.5	9/11	39.9	2.9	33.0	19.8	56.9	58.0	--
Integra	20073 R2Y	00.7	9/12	42.4	2.6	33.8	19.9	57.0	62.6	--
Integra	20090 R2Y	00.9	9/14	45.0	4.4	32.2	19.1	56.6	68.7	61.9
Integra	97009 R	00.9	9/11	43.0	1.5	32.5	20.2	57.2	67.8	--
Legend	003R21	00.3	9/12	40.8	1.4	33.9	19.8	56.5	66.7	--
Legend	004R21	00.4	9/12	43.7	1.8	34.6	19.8	56.9	66.8	--
Legend	007R20	00.7	9/14	43.8	4.3	32.7	18.6	56.8	67.1	--
Mustang	00971	00.9	9/14	44.1	4.4	32.5	19.1	56.5	70.7	65.5
Mustang	01212	0.1	9/15	37.0	0.1	34.1	19.4	57.0	61.9	--
Mustang	00913	00.9	9/13	41.0	3.3	34.0	18.9	56.6	67.1	--
Mycogen	5B005R2	00.5	9/12	42.0	1.3	33.3	20.3	56.5	65.0	--
Mycogen	5B007R2	00.7	9/13	42.5	1.9	33.4	19.9	56.6	66.2	--
Syng NK	S00-J9 Brand	00.9	9/12	43.0	1.4	34.9	19.7	57.7	67.8	--
Syng NK	S02-B4 Brand	0.2	9/14	43.8	5.3	31.8	20.1	57.4	67.3	--
Northstar	NS0057R2 ²	00.4	9/10	40.8	2.0	33.6	19.6	57.4	56.3	--
Northstar	NS0077R2 ²	00.7	9/13	43.3	2.4	33.8	19.8	57.2	58.6	--
NuTech	6003	00.5	9/15	43.5	4.5	32.3	19.5	56.7	56.2	--
NuTech	6011	0.1	9/16	40.5	2.7	32.6	19.3	57.5	56.7	51.2

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				Height in	Lodging 0-9				2011	2-yr Avg.
NuTech-G2	6005	00.4	9/8	37.1	0.3	33.8	20.1	56.8	58.2	53.4
NuTech-G2	6009	0.1	9/13	41.1	2.9	32.8	20.3	56.3	67.2	--
NuTech-G2	0090RR	00.9	9/13	42.7	1.6	35.0	19.8	55.1	64.8	56.5
NuTech-G2	6012	0.1	9/12	42.6	2.8	31.2	20.3	56.1	61.6	--
NuTech-G2	6025	0.2	9/16	41.7	6.2	33.1	19.9	56.5	64.5	--
Peterson	12R005	00.5	9/13	43.6	2.3	34.0	19.6	55.9	61.4	--
Peterson	12R007	00.7	9/13	42.1	3.5	33.1	19.8	56.7	61.8	--
Peterson	11R01	0.1	9/18	43.5	5.5	31.7	20.0	57.0	66.1	59.9
Pioneer	900Y71	00.7	9/7	38.1	0.0	35.1	18.9	55.2	57.6	52.4
Pioneer	900Y81	00.8	9/15	46.1	2.3	32.2	19.1	58.4	59.2	--
Proseed	P2 11-05	00.5	9/9	39.6	1.0	32.2	20.4	57.0	59.3	--
Proseed	P2 11-07	00.7	9/12	42.7	1.4	33.1	20.2	56.9	62.3	--
Proseed	P2 10-08	00.8	9/14	45.0	3.1	32.4	19.0	57.0	66.8	64.5
REA	53G32	00.3	9/9	36.0	1.7	32.3	20.1	56.8	59.2	--
REA	55G22	00.5	9/12	42.0	1.5	32.6	20.2	56.5	64.6	--
REA	58G82	00.8	9/16	44.2	3.4	30.8	19.5	57.5	64.7	--
REA	59G51	00.9	9/13	42.8	3.2	32.2	19.4	57.3	63.8	61.3
Seeds 2000	0091 RR2Y	00.9	9/14	45.5	4.7	32.1	18.9	57.2	70.8	--
Thunder	30005RR	00.5	9/14	44.4	4.6	32.6	19.1	58.2	62.4	57.4
Thunder	32005R2Y	00.5	9/10	39.9	2.7	33.3	19.6	56.9	58.3	--
Thunder	31009R2Y	00.9	9/13	44.1	4.0	32.9	18.6	56.3	66.1	62.0
Thunder	3201R2Y	0.1	9/14	44.0	2.5	34.1	19.2	57.2	62.5	--
Thunder	3102R2Y	0.2	9/14	35.8	0.4	33.8	19.4	56.4	60.3	--
Wensman	W 30042R2	00.4	9/12	39.7	2.2	33.9	19.7	55.5	62.2	--
Wensman	W 30066R2	00.6	9/12	42.6	2.8	33.5	19.9	56.9	63.3	--
Wensman	W 30084R2	00.8	9/13	45.4	3.8	32.4	18.9	56.8	69.1	64.0
Wensman	W 30091R2	00.9	9/14	44.3	5.0	32.3	19.6	57.4	67.0	59.6
Trial Mean			9/13	42.3	2.7	33.1	19.6	56.7	63.4	--
C.V. %			1.1	4.1	50.6	1.6	1.5	2.0	6.2	--
LSD 5%			1.8	2.4	1.9	1.1	0.6	1.6	5.4	--

¹Maturity Group provided by company

All lines are commercially available except those designated experimental².

³Days to physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

Yield, oil and protein reported at 13% moisture.

Planting Date: May 20

Harvest Date: September 29.

Frost between 29-32°F occurred on September 14-15 in the region. Limited damage on the trial appeared in the upper portions of the plant. Plants continued to mature and no green seed damage was visible.