

NDSU Langdon Research Extension Center
2011 Variety Trial Data

Soybean - Roundup Ready - 2011

Cavalier - Pembina County (Page 1-2)

Brand	Variety	Maturity Group ¹	Maturity date ³	Plant Height in	Protein %	Oil %	Test Weight lbs/bu	Yield	
								2011	2 yr Avg.
ASGROW	AG00632	00.6	9/10	34.3	31.4	20.5	56.8	48.2	--
ASGROW	AG00931	00.9	9/15	37.4	31.8	20.5	56.9	51.3	54.6
ASGROW	AG00932	00.9	9/16	37.1	31.7	20.0	57.0	50.1	--
ASGROW	AG0131	0.1	9/14	37.9	33.1	20.0	56.7	47.1	58.4
Dyna-Gro	30RY04	00.4	9/11	32.2	32.6	20.9	55.1	49.1	--
Dyna-Gro	30RY07	00.7	9/14	33.0	32.8	20.9	55.7	52.0	--
Dyna-Gro	30RY09	00.9	9/19	37.2	31.5	20.2	57.1	53.7	60.6
Dyna-Gro	35RY01	0.1	9/15	38.7	31.4	20.8	56.2	53.8	59.7
Gold Cntry	0071	00.7	9/18	36.7	30.5	20.7	55.9	48.9	--
Gold Cntry	0140	0.1	9/15	37.6	31.0	20.6	56.3	53.0	61.1
Hefty	H004Y12	00.4	9/13	31.5	31.7	21.2	54.9	45.0	--
Hefty	H007Y12	00.7	9/11	32.7	33.2	21.1	55.9	48.6	--
Hefty	H00Y12	0.0	9/21	25.8	31.7	21.1	56.7	44.4	--
Hefty	H01Y11	0.1	9/16	33.1	32.1	20.1	56.8	41.7	--
Hyland	HS 009RY01	00.9	9/17	38.6	31.4	20.3	56.1	48.1	58.5
Hyland	HS 01RY02	0.1	9/20	38.1	31.9	20.2	56.5	49.5	57.2
Legend	003R21	00.3	9/12	34.0	32.3	21.0	55.6	48.4	--
Legend	004R21	00.4	9/12	36.6	33.0	21.0	56.0	51.8	--
Legend	007R20	00.7	9/18	38.1	31.5	20.4	56.3	48.5	--
Northstar	NS0057R2 ²	00.4	9/10	32.8	32.3	20.8	55.1	45.4	--
Northstar	NS0077R2 ²	00.7	9/11	31.9	33.5	20.6	56.1	45.4	--
NuTech	6003	00.5	9/18	35.2	30.0	21.2	56.8	49.8	--
NuTech	6011	00.6	9/19	32.5	30.5	20.7	56.0	44.8	50.4
NuTech-G2	6005	00.4	9/14	29.8	32.1	21.5	56.4	47.9	--
NuTech-G2	6009	00.9	9/15	36.2	32.1	21.2	56.6	43.9	--
NuTech-G2	0090RR	00.9	9/16	35.2	33.1	21.3	57.1	50.2	--
NuTech-G2	6012	0.1	9/15	33.3	30.6	21.1	57.3	48.7	--
NuTech-G2	6025	0.2	9/20	36.2	32.3	20.8	55.8	48.5	--
Peterson	12R005	00.5	9/13	32.0	32.6	21.1	55.8	47.1	--
Peterson	12R007	00.7	9/13	32.6	33.2	20.8	56.9	43.7	--
Peterson	11R01	0.1	9/18	38.1	31.7	21.0	56.4	52.4	58.2
Peterson	11R02	0.2	9/16	37.8	31.5	20.2	56.2	52.7	--
Peterson	12R02	0.2	9/23	34.1	32.2	20.0	56.3	44.6	--
Pioneer	900Y71	00.7	9/13	29.6	33.2	20.4	56.2	43.3	49.6
Pioneer	900Y81	00.8	9/20	37.9	32.3	19.6	57.0	50.1	--
Prairie Brand	PB-00560R2	00.5	9/11	32.0	32.7	20.7	54.9	50.6	--
Prairie Brand	PB-00950R2	00.9	9/16	37.4	31.9	20.3	56.5	56.0	62.8
Prairie Brand	PB-00870R2	00.7	9/12	34.8	30.6	21.8	55.5	55.7	--
Prairie Brand	PB-0111x ²	0.1	9/20	28.6	31.5	20.6	55.7	42.1	--
Prairie Brand	PB-0240R2	0.2	9/17	37.7	32.2	20.1	57.5	55.7	--

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								2011	2 yr Avg.
Proseed	P2 11-05	00.5	9/13	31.9	31.6	20.9	55.7	40.6	--
Proseed	P2 11-07	00.7	9/11	32.9	32.6	21.1	55.8	46.6	--
Proseed	P2 10-08	00.8	9/19	35.8	31.7	20.3	56.7	45.6	54.7
REA	53G32	00.3	9/9	28.9	31.9	21.1	55.3	43.9	--
REA	55G22	00.5	9/11	31.9	31.8	21.1	56.6	46.1	--
REA	58G82	00.8	9/16	35.1	31.5	20.5	57.4	46.3	--
REA	59G51	00.9	9/18	40.0	31.3	20.3	56.4	52.1	58.7
REA	61G21	0.1	9/15	34.3	31.9	20.6	56.8	42.2	56.5
Seeds 2000	0091 RR2Y	00.9	9/18	38.4	31.0	20.5	56.4	54.3	--
Stine	01RC62	0.0	9/16	32.6	32.1	20.7	55.7	49.2	--
Stine	01RA06	0.1	9/22	34.7	31.6	20.1	56.1	40.3	--
Syng NK	S00-J9 Brand	00.9	9/11	34.3	34.2	20.1	56.9	50.7	--
Syng NK	S02-B4 Brand	0.2	9/18	39.1	31.6	20.6	56.7	58.6	--
Thunder	30005RR	00.5	9/15	30.6	32.0	20.7	57.1	41.6	55.7
Thunder	32005R2Y	00.5	9/10	33.7	32.4	20.4	55.6	48.7	--
Thunder	31009R2Y	00.9	9/18	37.9	31.0	20.5	55.7	50.3	57.1
Thunder	3201R2Y	0.1	9/20	29.2	31.9	20.9	56.1	42.4	--
Thunder	3102R2Y	0.2	9/18	36.5	33.0	20.1	55.2	45.1	--
Wensman	W 30042R2	00.4	9/12	30.0	32.4	21.3	55.2	43.2	--
Wensman	W 30066R2	00.6	9/14	30.2	32.8	20.9	56.7	39.7	--
Wensman	W 30084R2	00.8	9/14	33.6	31.4	20.7	56.5	49.2	56.3
Wensman	W 30091R2	00.9	9/14	35.8	30.5	21.3	56.6	50.8	59.4
Trial Mean			9/15	34.3	31.9	20.7	56.2	48.1	--
C.V. %			2.4	8.2	2.5	1.5	2.0	8.9	--
LSD 5%			3.4	3.9	1.6	0.6	NS	6.0	--

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: June 3

Harvest Date: September 30.

Frost between 25-32°F occurred on September 14-15 in the region. Some damage on the trial appeared in the upper portions of the plant. Plants continued to mature and no green seed damage was visible.