

**NDSU Langdon Research Extension Center**  
**2012 Variety Trial Data**

**Soybean - Roundup Ready - 2012**

**Cavalier - Pembina County (Page 1-2)**

Brand	Variety	Maturity Group <sup>1</sup>	Maturity date <sup>3</sup>	Protein %	Oil %	2012 <sup>5</sup>	Yield	
							2 yr Avg.	2-site Avg. <sup>4</sup>
Asgrow	AG00632	00.6	9/11	29.7	20.2	45.0	46.6	42.5
Asgrow	AG00932	00.9	9/14	29.4	19.7	45.0	47.6	42.7
Dyna-Gro	30RY04	00.4	9/12	30.1	20.4	39.6	44.4	41.0
Dyna-Gro	30RY07	00.7	9/13	30.0	20.1	43.9	47.9	44.5
Dyna-Gro	S008RY43	00.8	9/13	29.6	19.4	41.4	--	43.0
Dyna-Gro	34RY03	0.2	9/15	30.3	19.5	46.2	--	45.3
G2 Genetics	6005	00.4	9/15	29.2	20.4	47.5	47.7	44.1
G2 Genetics	0090	00.9	9/16	30.3	20.2	48.0	49.1	44.9
G2 Genetics	6009	00.9	9/9	30.0	20.3	46.3	45.1	44.6
G2 Genetics	6012	0.1	9/12	29.0	20.2	43.8	46.2	40.7
Hefty	H007Y12	00.7	9/12	31.3	19.9	43.8	46.2	43.2
Hefty	H009Y12	00.9	9/16	29.7	19.1	50.5	--	46.4
Hefty	H00Y12	0.0	9/15	30.6	19.7	42.1	43.2	42.5
Hyland	HS 006RYS24	00.6	9/12	30.0	19.1	50.1	--	47.9
Hyland <sup>2</sup>	HX 007RY32	00.7	9/12	29.8	19.8	47.8	--	47.7
Hyland <sup>2</sup>	DAS007R3	00.7	9/13	29.8	19.5	46.7	--	44.9
Integra	20031	00.3	9/17	30.2	19.4	51.8	--	45.9
Integra	20080	00.8	9/12	29.3	20.2	39.8	--	40.5
Integra	20109	0.1	9/20	31.4	19.1	44.6	--	43.3
Integra	97001	00.3	9/12	29.5	21.0	44.4	--	--
Integra	97014	0.1	9/17	31.2	19.7	48.6	--	--
Mycogen	5B005R2	00.5	9/11	30.4	20.4	49.2	--	46.8
Mycogen	5B007R2	00.7	9/13	29.8	20.4	51.0	--	49.7
Mycogen	5G009R2	00.9	9/15	29.7	20.0	46.4	--	44.7
Northstar	NS0057R2	00.5	9/10	30.1	18.9	48.8	47.1	48.7
Northstar	NS0077R2	00.7	9/9	30.2	20.2	45.0	45.2	46.2
Peterson	12R007	00.7	9/17	30.3	20.1	46.1	44.9	42.1
Peterson	11R01	0.1	9/18	29.2	19.7	46.4	49.4	44.6
Peterson	13R01	0.1	9/20	30.3	19.0	40.6	--	41.0
Pioneer	90Y01	0.0	9/16	28.4	20.6	47.4	--	44.8
Pioneer	900Y81	00.8	9/17	30.1	19.1	40.5	45.3	38.7
Prairie Brand	PB-00560R2	00.5	9/11	30.2	20.3	49.8	50.2	49.4
Prairie Brand	PB-00760R2	00.7	9/15	29.2	19.8	52.3	--	48.5
Prairie Brand	PB-00844R2	00.8	9/11	29.4	19.6	42.7	--	43.5
Prairie Brand	PB-0131R2	0.1	9/19	31.5	18.7	42.7	--	42.7
Prairie Brand	PB-0240R2	0.2	9/15	30.5	19.4	43.7	49.7	42.7
Proseed	P2 11-05	00.5	9/10	28.9	20.3	41.8	41.2	44.8
Proseed	P2 11-07	00.7	9/11	29.9	20.4	48.7	47.6	45.7
Proseed	P2 10-08	00.8	9/16	28.8	19.8	39.8	42.7	40.4
Proseed	P2 20-08	00.8	9/12	29.2	19.8	40.0	--	42.7
Proseed	P2 20-00	0.0	9/21	30.5	19.4	45.1	--	43.4

Brand	Variety	Maturity Group <sup>1</sup>	Maturity date <sup>3</sup>	Protein %	Oil %	Yield		
						2012 <sup>5</sup>	2 yr Avg.	2-site Avg. <sup>4</sup>
REA	53G32	00.3	9/9	29.0	20.9	42.6	43.2	43.6
REA	55G22	00.5	9/11	29.7	20.8	46.2	46.1	44.5
REA	58G82	00.8	9/17	28.2	19.7	44.0	45.2	43.2
REA	61G21	0.1	9/17	29.1	20.1	48.2	45.2	45.9
Seeds 2000	0091 RR2Y	00.9	9/18	28.9	20.0	49.1	51.7	42.7
Stine	01RC62	00.9	9/13	29.8	19.7	41.5	45.4	--
Stine	01RD66	00.9	9/19	30.4	19.8	44.2	--	--
Syng NK	S00-A7	00.7	9/10	29.4	20.7	49.9	--	48.3
Syng NK	S02-B4	0.2	9/16	28.4	20.1	49.5	54.1	44.1
Thunder	33009R2YN	00.9	9/11	28.5	19.9	41.6	--	44.4
Thunder	3201R2Y	0.1	9/19	31.1	19.6	51.9	47.1	47.2
Thunder	3202R2Y	0.2	9/21	31.6	18.8	42.6	--	38.4
Thunder	31009R2Y	00.9	9/17	29.9	18.9	45.1	47.7	42.3
Thunder	32005R2Y	00.5	9/11	30.0	20.0	51.3	50.0	50.1
Wensman	W 30084R2	00.8	9/17	29.5	19.4	44.8	47.0	40.8
Wensman	W 30088R2	00.8	9/19	31.0	19.1	46.1	--	43.1
Wensman	W 30091R2	00.9	9/18	29.0	19.8	54.1	--	48.0
Wensman	W 30099R2	00.9	9/18	29.0	19.9	45.4	--	44.2
Trial Mean			9/14	29.8	19.9	45.5	--	--
C.V. %			2.1	2.5	2.0	14.0	--	--
LSD 10%			2.9	1.3	0.7	7.4	--	--
LSD 5%			3.5	1.5	0.8	8.9	--	--

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

<sup>2</sup>All lines are commercially available except those designated experimental.

<sup>3</sup>Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

<sup>4</sup>A 2-site average of our northern region. Langdon REC and Pembina County (Cavalier).

<sup>5</sup>A hail storm caused significant damage on July 4. Soybeans were in the late vegetative to R1 stage.

Soybeans recovered nicely but were later maturing than normal.

Yield, oil and protein reported at 13% moisture.

Planting Date: May 15

Harvest Date: October 1