

NDSU Langdon Research Extension Center
2013 Variety Trial

Soybean - Roundup Ready - 2013

Cavalier - Pembina County (Page 1-2)

Brand	Variety	Maturity Group ¹	Maturity date ²	Plant Height in	Protein %	Oil %	Yield		
							2013	2 yr	2-site
								Avg.	Avg. ³
							-----bu/a-----		
Asgrow	AG00632	00.6	9/14	34	34.5	16.1	57.2	51.1	54.9
Asgrow	AG00932	00.9	9/15	32	34.5	15.9	57.7	51.3	55.2
Asgrow	AG0231	0.2	9/17	33	33.1	16.4	57.4	--	--
Dyna-Gro	30RY04	00.4	9/13	30	33.7	17.4	57.6	48.6	54.4
Dyna-Gro	S007RY44	00.7	9/13	31	33.8	16.7	58.6	--	55.0
Dyna-Gro	S02RY74	0.2	9/17	31	33.9	16.4	66.0	--	60.8
Gold Cntry	0053	00.5	9/12	32	33.7	16.3	58.4	--	55.3
Hefty	H007Y12	00.7	9/12	30	34.2	17.2	61.4	52.6	56.5
Hefty	H008R3	00.8	9/15	31	33.5	16.2	58.8	--	55.8
Hefty	H00Y12	0.0	9/15	28	34.7	16.3	55.9	49.0	52.3
Hefty	H01R3	0.1	9/18	32	34.9	15.6	55.2	--	50.6
Hefty	H02R3	0.2	9/23	32	34.7	15.4	59.9	--	53.9
Integra	20052	00.5	9/12	31	34.4	15.4	55.4	--	53.3
Integra	20031	00.7	9/14	33	33.3	16.2	65.2	58.5	60.9
Integra	20085N	00.8	9/12	29	33.7	16.6	54.1	--	51.9
Integra	20090	00.9	9/16	34	32.9	16.5	58.7	--	57.9
Integra	20107	0.0	9/19	33	35.6	15.0	54.3	--	50.8
Mycogen	5B005R2	00.5	9/14	31	34.4	16.9	57.1	53.2	56.4
Mycogen	5G009R2	00.9	9/16	33	33.4	16.3	60.6	53.5	58.0
Northstar	0057R2	00.5	9/12	29	34.2	15.5	53.3	51.0	51.5
Northstar	0077R2	00.7	9/13	32	34.8	16.8	57.7	51.4	55.3
Northstar	0080R2	00.7	9/14	34	33.5	16.2	62.9	--	61.9
Northstar	0088R2	00.8	9/16	32	33.9	16.3	60.1	--	--
NuTech/G2	6005	00.5	9/15	29	34.1	16.8	54.6	51.1	51.3
NuTech/G2	0090	00.9	9/15	32	35.1	17.3	53.4	50.7	52.6
NuTech/G2	6009	00.9	9/13	31	32.6	17.9	56.7	51.5	51.7
NuTech/G2	6021	0.2	9/20	29	35.0	16.1	56.7	--	51.3
Peterson	14R008	00.8	9/12	29	33.4	16.7	55.1	--	52.8
Peterson	11R01	0.1	9/15	33	32.3	17.1	58.2	52.3	54.6
Peterson	14R02	0.2	9/20	33	35.3	15.1	65.6	--	57.2
Prairie Brand	PB-00560R2	00.5	9/11	29	33.8	17.3	54.8	52.3	53.0
Prairie Brand	PB-00821R2	00.7	9/11	27	34.0	16.8	56.2	--	51.2
Prairie Brand	PB-00844R2	00.8	9/15	30	33.9	16.7	56.1	49.4	54.1
Prairie Brand	PB-00950R2	00.9	9/16	36	34.3	16.3	67.8	--	63.8
Prairie Brand	PB-0291R2	0.2	9/20	32	34.6	15.3	62.4	--	56.9

Brand	Variety	Maturity Group ¹	Maturity date ²	Plant Height	Protein %	Oil %	Yield		
							2013	2 yr Avg.	2-site Avg. ³
Proseed	11-05	00.5	9/10	27	33.7	16.9	54.4	48.1	52.1
Proseed	11-07	00.7	9/12	31	34.6	16.9	59.2	54.0	53.6
Proseed	10-08	00.8	9/15	33	32.8	16.7	58.8	49.3	57.6
Proseed	20-08	00.8	9/15	32	34.0	16.0	62.2	51.1	58.5
Proseed	PX009	00.9	9/12	28	34.0	16.3	59.4	--	51.4
REA	53G32	00.3	9/11	26	33.4	17.0	52.6	47.6	50.0
REA	55G14	00.5	9/13	32	34.3	15.8	57.0	--	51.9
REA	58G82	00.8	9/17	34	32.5	16.8	58.0	51.0	52.9
REA	61G21	0.1	9/15	33	32.8	16.7	59.0	53.6	55.7
Stine	01RE00	0.0	9/18	31	34.6	15.9	63.0	--	--
Stine	01RD66	0.0	9/14	29	34.5	17.0	62.3	53.2	--
Syng NK	NK S00-A7	00.7	9/12	31	34.7	17.0	57.2	53.6	54.2
Syng NK	NK S02-B4	00.2	9/14	35	32.8	17.2	65.5	57.5	61.3
Wensman	W 30078R2	00.7	9/12	30	33.9	16.1	54.9	--	52.8
Wensman	W 30084R2	00.8	9/17	35	33.8	16.4	60.0	52.4	60.4
Wensman	W 30099R2	00.9	9/18	36	33.2	16.7	64.4	54.9	58.8
Wensman	W 3024R2	0.2	9/17	30	34.2	16.4	64.7	--	61.3
Wensman	W 3030R2	0.3	9/16	35	34.1	16.6	58.1	--	56.8
Trial Mean			9/15	31	34.0	16.5	58.4	--	--
C.V. %			1.3	5.7	1.3	1.8	6.8	--	--
LSD 10%			1.5	2.1	0.8	0.5	4.7	--	--
LSD 5%			1.8	2.5	0.9	0.6	5.6	--	--

¹Maturity Group provided by company

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

³A 2-site average of our northern region. Langdon REC and Pembina County (Cavalier).

Yield, oil and protein reported at 13% moisture.

Planting Date: June 6

Harvest Date: October 8