

NDSU Langdon Research Extension Center
2012 Variety Trial Data

Soybean - Roundup Ready - 2012

Langdon (Page 1-2)

Brand	Variety	Maturity Group ¹	Maturity date ³	Plant Height in	Protein %	Oil %	Yield		
							2012	2 yr Avg.	2-site Avg. ⁴
Asgrow	AG00632	00.6	9/5	36	32.0	18.5	40.1	51.2	42.5
Asgrow	AG00932	00.9	9/4	37	30.7	18.6	40.3	53.4	42.7
Biogene	BG 7009	00.9	9/5	36	31.2	18.1	39.0	--	--
Biogene	BG 7007	00.7	9/4	34	32.1	18.6	41.4	--	--
Channel	00506 RR2	00.5	9/4	33	31.2	19.3	42.0	--	--
Croplan	R2T0041	00.4	9/5	36	31.1	19.3	48.5	--	--
Croplan	R2T00832	00.8	9/5	37	31.1	18.7	44.5	--	--
Croplan	R2T0091	00.9	9/5	38	29.5	19.2	44.4	56.8	--
Croplan	R2T0231	0.2	9/6	39	31.2	18.5	46.3	--	--
Dyna-Gro	30RY04	00.4	9/4	34	32.3	18.9	42.5	53.5	41.0
Dyna-Gro	30RY07	00.7	9/5	35	32.6	18.3	45.0	54.9	44.5
Dyna-Gro	S008RY43	00.8	9/4	36	30.1	18.8	44.7	--	43.0
Dyna-Gro	34RY03	0.2	9/5	39	30.9	18.8	44.4	--	45.3
G2 Genetics	6009	00.9	9/6	34	30.9	19.3	42.9	55.1	44.6
G2 Genetics	6005	00.4	9/3	28	30.3	19.9	40.7	49.4	44.1
G2 Genetics	0090	00.9	9/5	34	33.4	18.7	41.8	53.3	44.9
G2 Genetics	6012	0.1	9/6	37	31.2	18.8	37.5	49.6	40.7
Gold Cntry	0140	0.1	9/7	36	31.3	18.7	42.7	55.0	--
Gold Cntry	0241	0.2	9/6	37	31.0	18.7	43.2	--	--
Hefty	H007Y12	00.7	9/5	34	32.3	18.8	42.6	50.4	43.2
Hefty	H009Y12	00.9	9/5	35	32.0	18.0	42.2	--	46.4
Hefty	H00Y12	0.0	9/6	29	31.7	19.4	42.9	52.4	42.5
Hyland	HS 006RYS24	00.6	9/4	39	31.8	17.7	45.8	--	47.9
Hyland ²	HX 007RY32	00.7	9/5	35	31.1	18.5	47.5	--	47.7
Hyland ²	DAS007R3	00.7	9/3	35	30.4	18.9	43.1	--	44.9
Integra	20031	00.3	9/4	37	30.7	18.3	40.0	--	45.9
Integra	20052	00.5	9/2	36	31.5	17.9	44.1	51.0	--
Integra	20080	00.8	9/4	35	30.7	18.4	41.3	--	40.5
Integra	20090	00.9	9/6	37	31.5	18.5	41.8	55.3	--
Integra	20109	0.1	9/15	34	34.0	17.8	41.9	--	43.3
Mustang	00971	00.9	9/6	39	32.4	18.0	40.6	55.7	--
Mustang	00913	00.9	9/12	31	32.8	17.9	39.9	53.5	--
Mustang	01212	0.1	9/6	30	33.1	18.1	42.3	52.1	--
Mycogen	5B005R2	00.5	9/3	34	31.6	19.1	44.5	54.7	46.8
Mycogen	5B007R2	00.7	9/4	37	31.8	19.3	48.3	57.3	49.7
Mycogen	5G009R2	00.9	9/6	38	31.7	17.9	43.1	--	44.7
Northstar	NS0057R2	00.5	9/2	34	31.5	17.9	48.6	52.4	48.7
Northstar	NS0077R2	00.7	9/5	33	32.5	19.0	47.3	53.0	46.2

Brand	Variety	Maturity Group ¹	Maturity date ³	Plant Height in	Protein %	Oil %	Yield		
							2012	2 yr Avg.	2-site Avg. ⁴
Peterson	12R007	00.7	9/5	33	32.8	18.7	38.1	49.9	42.1
Peterson	11R01	0.1	9/5	37	29.3	19.8	42.8	54.4	44.6
Peterson	13R01	0.1	9/14	33	32.2	18.4	41.3	--	41.0
Pioneer	90Y01	0.0	9/5	38	29.8	19.3	42.2	--	44.8
Pioneer	900Y81	00.8	9/7	36	30.0	18.4	37.0	48.1	38.7
Prairie Brand	PB-00560R2	00.5	9/5	34	31.0	19.7	49.1	--	49.4
Prairie Brand	PB-00760R2	00.7	9/4	37	31.6	18.5	44.7	--	48.5
Prairie Brand	PB-00844R2	00.8	9/4	35	29.8	18.8	44.3	--	43.5
Prairie Brand	PB-0131R2	0.1	9/13	33	34.7	17.0	42.7	--	42.7
Prairie Brand	PB-0240R2	0.2	9/5	38	30.3	18.7	41.7	--	42.7
Proseed	P2 11-05	00.5	9/3	34	30.8	19.3	47.7	53.5	44.8
Proseed	P2 11-07	00.7	9/4	35	33.1	18.3	42.6	52.5	45.7
Proseed	P2 10-08	00.8	9/7	41	31.3	18.3	40.9	53.9	40.4
Proseed	P2 20-08	00.8	9/5	35	31.0	18.1	45.5	--	42.7
Proseed	P2 20-00	0.0	9/14	31	34.4	17.8	41.6	--	43.4
REA	53G32	00.3	9/4	30	32.1	18.9	44.7	51.9	43.6
REA	55G22	00.5	9/4	36	33.2	18.5	42.8	53.7	44.5
REA	58G82	00.8	9/5	36	30.7	18.5	42.4	53.6	43.2
REA	61G21	0.1	9/5	36	29.9	18.7	43.6	--	45.9
Seeds 2000	0091 RR2Y	00.9	9/6	39	32.4	17.3	36.3	53.5	42.7
Syng NK	S00-A7	00.7	9/4	35	31.9	19.1	46.7	--	48.3
Syng NK	S02-B4	0.2	9/4	35	29.8	19.0	38.8	53.0	44.1
Thunder	32005R2Y	00.5	9/2	37	32.5	18.4	49.0	53.6	50.1
Thunder	33009R2YN	00.9	9/4	37	30.9	18.3	47.2	--	44.4
Thunder	3201R2Y	0.1	9/6	30	31.9	18.8	42.4	52.5	47.2
Thunder	3202R2Y	0.2	9/16	35	34.3	16.8	34.2	--	38.4
Thunder	31009R2Y	00.9	9/6	37	32.2	18.0	39.5	52.8	42.3
Wensman	W 30084R2	00.8	9/5	37	33.2	17.5	36.8	52.9	40.8
Wensman	W 30088R2	00.8	9/13	33	32.4	18.4	40.1	--	43.1
Wensman	W 30091R2	00.9	9/5	36	29.9	18.9	41.8	54.4	48.0
Wensman	W 30099R2	00.9	9/9	39	30.4	19.1	42.9	--	44.2
Trial Mean				35	31.6	18.5	42.7	--	--
C.V. %				7.2	2.6	2.8	11.4	--	--
LSD 10%				3.0	1.3	0.9	5.7	--	--
LSD 5%				3.5	1.6	1.1	6.8	--	--

¹Maturity Group provided by company

²All lines are commercially available except those designated experimental.

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

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

Yield, oil and protein reported at 13% moisture.

Planting Date: May 21

Harvest Date: September 27