

**NDSU Langdon Research Extension Center**  
**2014 Variety Trial**

**Soybean - Roundup Ready - 2014**

**Langdon (Page 1-2)**

Brand	Variety	Maturity Group <sup>1</sup>	Maturity date <sup>2</sup>	Plant Height in	Protein %	Oil %	Yield		
							2014	2 yr Avg. <sup>3</sup>	2-site Avg. <sup>3</sup>
							-----bu/a-----		
Croplan	R2T0041	00.4	f	24	NA <sup>4</sup>		38.7	43.4	--
Croplan	R2T0091	00.9	f	24			39.4	47.7	--
Croplan	R2T00800	00.8	f	22			40.9	--	--
Dyna-Gro Seed	30RY04	00.4	9/8	20			37.7	44.4	45.6
Dyna-Gro Seed	S006RY75	00.6	9/7	23			34.8	--	42.6
Dyna-Gro Seed	S007RY44	00.7	9/9	20			40.1	45.7	44.8
Dyna-Gro Seed	S02RY74	0.2	f	23			44.4	50.0	52.2
Hefty Seed	H007Y12	00.7	9/8	21			39.6	45.6	48.5
Hefty Seed	H007R4	00.7	9/9	22			41.0	--	46.9
Hefty Seed	H008R3	00.8	f	21			37.5	45.2	45.5
Hefty Seed	H009R3	00.9	f	22			46.8	--	53.5
Hefty Seed	H01R4	0.1	f	24			37.1	--	46.7
Integra	20031	00.7	f	25			39.8	48.2	45.9
Integra	20076N	00.7	9/7	23			35.5	--	41.7
Integra	20090	00.9	f	26			39.2	48.2	47.5
Integra	20215	0.0	f	24			43.0	--	52.1
Legacy Seed	LS00734 NRR2	00.7	9/8	27			35.3	--	42.0
Legacy Seed	LS00834 RR2	00.8	9/10	20			37.6	--	44.1
Legacy Seed	LS0214 RR2	0.2	f	28			41.9	--	50.9
Legacy Seed	LS0134 RR2	0.1	f	21			41.9	--	51.5
Legend Seeds	LS 003R21	00.3	9/11	20			34.0	--	--
Legend Seeds	LS 007R550N	00.7	9/8	25			36.5	--	--
Legend Seeds	LS 005R24	00.5	9/10	25			41.8	--	--
Legend Seeds	LS 003R24N	00.3	9/9	25			40.1	--	--
Mycogen Seeds	5B005R2	00.5	9/8	21			40.2	47.9	47.2
Mycogen Seeds	5G009R2	00.9	9/12	25			43.9	49.7	50.2
Mycogen Seeds	X54J009R2	00.9	9/9	21			42.3	--	50.7
Mycogen Seeds	X54G007R2	00.7	f	20			38.7	--	46.2
Northstar Genetics	NS 0060NR2	00.6	9/8	26			38.0	--	42.4
Northstar Genetics	NS 0080R2	00.6	9/12	23			39.1	50.0	48.2
Nuseed	0074 RR2YN	00.7	9/6	23			36.6	--	42.6
NuTech/G2	6007	00.7	f	21			38.9	--	46.7
NuTech/G2	6000	0.0	f	21			42.7	--	48.1
PFS	15R006N	00.6	9/8	24			35.2	--	41.9
PFS	14R008	00.8	9/11	19			39.1	44.8	45.5
PFS	14R02	0.2	f	22			42.0	45.4	48.5

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Prairie Brand	PB-00766R2	00.7	9/8	25			39.6	--	45.0
Prairie Brand	PB-00844R2	00.8	f	23			43.0	47.5	50.3
Prairie Brand	PB-00950R2	00.9	f	25			40.6	50.2	48.5
Prairie Brand	PB-0240R2	0.1	f	25			43.3	--	51.4
Prairie Brand	PB-0291R2	0.1	f	22			35.9	43.7	46.2
Proseed	P2 11-05	00.5	9/10	22			39.4	44.6	46.0
Proseed	P2 11-07	00.7	9/11	21			42.4	45.2	49.0
Proseed	30-07	00.7	9/11	21			35.9	--	43.9
Proseed	P2 10-08	00.8	9/12	25			40.4	48.5	50.5
Proseed	P2 20-08	00.8	f	22			39.8	47.2	49.8
REA	0140	0.1	9/11	24			42.6	--	50.1
REA	53G32	00.3	9/8	18			31.7	39.5	35.9
REA	55G14	00.5	f	24			38.5	42.6	40.7
REA	58G82	00.8	f	26			35.4	41.6	41.1
REA	61G24	0.1	f	22			43.2	--	49.7
Stine Seed	01RE00	0.1	f	24			43.8	--	--
Syngenta	NK S007-Y4	00.7	9/9	20			41.1	--	45.2
Syngenta	NK S009-J1	00.9	f	19			36.6	--	44.1
Thunder Seed	32005 R2Y	00.5	9/10	19			35.1	--	42.3
Thunder Seed	Astro	00.8	f	25			43.8	--	49.5
Thunder Seed	35007 R2YN	00.7	9/10	23			39.0	--	44.9
Thunder Seed	31009 R2Y	00.9	9/11	22			40.6	--	48.9
Thunder Seed	33009 R2YN	00.9	f	20			35.7	--	43.1
Wensman Seed	W 30061NR2	00.6	9/8	24			38.8	--	42.3
Wensman Seed	W 30084R2	00.8	f	25			43.7	52.2	49.5
Wensman Seed	W 30099R2	00.9	f	24			39.5	46.4	49.8
Wensman Seed	W 3024R2	0.2	f	22			43.6	50.8	50.2
Wensman Seed	W 3030R2	0.2	f	27			39.7	47.6	--
Trial Mean			9/9	23			39.6	--	--
C.V. %			0.9	9.0			8.2	--	--
LSD 10%			1.1	2.9			4.5	--	--
LSD 5%			1.3	3.8			6.0	--	--

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

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

A freeze occurred on September 12 with temperatures ranging from 28<sup>0</sup> to 32<sup>0</sup> F for five hours. A "f" indicates the variety did not reach the R7 stage in 3 of 4 replications prior to the freeze. However, all varieties were harvestable and had no distinctly green seeds in the sample.

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

Yield, oil and protein reported at 13% moisture.

Planting Date: May 24

Harvest Date: October 8

<sup>4</sup> NA- Not yet available