

**NDSU Langdon Research Extension Center**  
**2016 Variety Trial**

**Soybean - Roundup Ready - 2016**

**Langdon (Page 1-2)**

Brand	Variety	Maturity		Lodging	Plant			Yield		
		Group <sup>1</sup>	Maturity date <sup>2</sup>		Height	Protein %	Oil %	2016	2 yr Avg.	2-site Avg. <sup>3</sup>
Croplan	R2T00516	00.5	9/17	1.9	35	35.6	14.8	62.1	--	--
Croplan	R2C00766	00.7	9/18	2.6	32	33.9	15.1	60.2	--	--
Croplan	R2T00700	00.7	9/17	1.8	35	34.5	15.3	61.7	--	--
Dyna-Gro	S005RY87	00.5	9/14	1.4	36	35.3	15.1	65.9	--	66.9
Dyna-Gro	S006RY97	00.6	9/16	1.9	33	34.1	15.4	66.0	--	68.9
Dyna-Gro	S009RY56	00.9	9/19	1.3	35	35.5	14.8	61.5	60.2	65.0
Hefty	H006R7	00.6	9/17	2.7	33	34.7	15.1	61.1	--	61.0
Hefty	H008R6	00.8	9/20	1.5	35	36.2	14.4	58.0	--	65.1
Hefty	H00R6	0.0	9/21	2.5	41	35.2	15.1	64.0	--	72.1
Integra	20087	00.8	9/17	1.5	32	36.5	14.1	72.9	64.9	76.8
Integra	20097	00.9	9/21	1.8	40	35.2	15.1	74.0	--	77.5
Integra	20215	00.9	9/23	0.1	34	36.6	13.6	68.8	--	--
Legacy	LS-0135 RR2	0.1	9/22	2.5	40	35.4	14.8	71.2	63.7	75.1
Legacy	LS-00835N RR2	00.8	9/20	1.9	36	35.9	14.4	56.3	55.7	65.4
Legacy	LS-0214 RR2	0.2	9/23	1.6	37	36.1	13.7	72.0	65.0	78.4
Legacy	LS-00834 RR2	00.8	9/17	0.6	33	35.4	14.4	65.5	59.8	65.0
Legend	LS 004R752	00.4	9/15	2.0	36	35.2	15.2	63.0	--	--
Legend	LS 006R760N	00.6	9/17	2.9	34	34.1	14.9	60.6	--	--
Legend	LS 007R653	00.7	9/14	1.2	37	32.8	15.4	60.6	--	--
Legend	LS 008R660N	00.8	9/19	1.5	36	36.5	14.1	61.0	59.5	--
NorthStar	NS 0012R2	00.1	9/4	0.0	33	34.0	15.7	54.0	--	54.4
NorthStar	NS 0052R2	00.5	9/15	2.7	37	35.6	15.1	63.1	--	63.2
NorthStar	NS 0072R2	00.7	9/23	0.9	36	36.2	14.4	67.2	--	68.7
NorthStar	NS 0081NR2	00.8	9/21	1.3	36	36.4	13.7	63.3	60.3	67.3
NuTech	6008R2	00.8	9/17	0.9	36	33.2	15.2	55.8	56.5	56.4
PFS	16R008N	00.8	9/22	1.5	34	36.7	13.9	59.6	60.7	64.4
PFS	16R01	0.1	9/22	2.4	41	36.0	14.6	69.8	61.5	74.7
Pioneer	P005T13R	00.5	9/11	0.0	29	35.9	14.9	52.7	--	--
Pioneer	P006T46R	00.6	9/12	0.5	31	34.1	15.6	56.9	--	--
Pioneer	P008T22R2	00.8	9/21	1.5	37	36.2	14.7	65.1	60.8	--
Pioneer	P01T06R	0.1	9/21	1.0	32	34.6	15.2	61.3	--	--
Prairie Brand	PB-00727R2	00.7	9/17	2.5	33	34.6	15.3	61.7	--	59.8
Prairie Brand	PB00856R2	00.9	9/20	1.8	37	36.3	14.4	60.6	61.9	66.6
Prairie Brand	PB00950R2	00.9	9/18	2.2	38	35.8	14.5	65.8	63.7	66.1
Prairie Brand	PB-0146R2	0.1	9/21	2.3	38	35.6	15.0	70.1	66.2	75.3

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		Group <sup>1</sup>	Maturity date <sup>2</sup>		Height	Protein %	Oil %	2016	2 yr Avg.	2-site Avg. <sup>3</sup>
Proseed	10-08	00.8	9/19	2.1	37	35.9	14.2	66.5	66.2	67.0
Proseed	40-07	00.7	9/12	1.6	39	35.8	13.5	61.8	--	61.2
Proseed	50-08	00.8	9/21	2.1	36	35.6	14.4	62.6	60.2	68.7
REA	R00727	00.7	9/17	2.2	37	35.2	14.8	63.0	--	65.4
REA	R0216	0.2	9/23	2.5	41	35.6	14.9	72.0	66.8	70.3
Stine	02RD00	0.2	9/24	0.1	34	36.6	13.4	69.8	65.0	74.9
Syngenta/NK	S006-W5	00.6	9/10	0.5	35	36.2	15.0	62.8	--	61.8
Syngenta/NK	S007-Y4	00.7	9/11	0.6	31	34.8	15.0	61.2	57.5	62.9
Thunder	34006	00.6	9/16	0.9	36	35.4	14.3	71.3	62.3	70.1
Thunder	36008	00.8	9/20	1.8	36	36.0	14.3	61.3	60.0	65.6
Thunder	3601	0.1	9/22	2.7	42	35.4	15.1	71.8	--	76.7
Wensman	W30065NR2	00.6	9/16	2.0	33	34.3	15.1	59.0	--	--
Wensman	W30085NR2	00.8	9/20	1.3	36	36.5	14.0	61.6	61.2	68.6
Wensman	W3024R2	0.2	9/20	1.7	35	35.7	14.1	68.4	64.5	--
Trial Mean			9/18	1.6	36	35.4	14.7	63.8	--	--
C.V. %			6.4	40.6	6.1	1.2	1.7	9.1	--	--
LSD 5%			1.6	0.9	3.0	0.9	0.5	8.1	--	--
LSD 10%			1.4	0.8	2.5	0.7	0.4	6.8	--	--

<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.)

<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 19

Harvest Date: October 3