

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

**Soybean - Roundup Ready - 2016**

**Pekin - Nelson County (Page 1-2)**

Brand	Variety	Maturity Group <sup>1</sup>	Maturity date <sup>2</sup>	Lodging 0-9	Plant Height in	Protein %	Oil %	Yield		
								2016	2 yr Avg.	2-site Avg. <sup>3</sup>
Dairyland	DSR-C918/R2Y	00.9	9/17	0.0	29	35.9	14.4	70.2	58.6	71.5
Dairyland	DSR-0305/R2Y	0.3	9/19	0.2	33	34.4	15.4	74.7	65.9	75.7
Dairyland	DST04-003/R2Y	0.4	9/22	0.1	33	35.7	14.6	69.2	--	73.8
Dairyland	DSR-0404/R2Y	0.4	9/20	0.5	31	34.2	14.9	66.8	60.9	70.8
Dyna-Gro	S009RY56	00.9	9/16	0.5	31	35.6	15.0	52.8	50.4	58.2
Dyna-Gro	S01RY86	0.1	9/16	0.5	35	34.7	16.0	72.9	63.8	70.3
Dyna-Gro	S03RY36	0.3	9/20	0.0	33	36.6	14.5	72.6	64.6	70.1
Hefty	H02R3	0.2	9/20	0.0	32	34.5	15.0	73.3	62.5	73.7
Hefty	H03R5	0.3	9/19	0.0	32	36.4	14.5	66.4	--	66.3
Integra	20087	00.8	9/17	0.1	29	35.9	14.6	68.7	57.7	70.1
Integra	20097	00.9	9/16	1.0	37	34.4	15.9	69.8	--	71.2
Integra	20126	0.1	9/20	0.5	36	35.1	14.9	73.2	61.4	70.9
Integra	20215	00.9	9/19	0.0	32	35.6	14.6	62.5	--	65.8
<b>Legacy</b>	<b>LS-0135 RR2</b>	<b>0.1</b>	<b>9/16</b>	<b>1.0</b>	<b>37</b>	<b>34.5</b>	<b>16.0</b>	<b>69.8</b>	<b>59.8</b>	<b>72.3</b>
Legacy	LS-00835N RR2	00.8	9/16	0.2	31	35.8	14.8	53.9	50.2	58.9
<b>Legacy</b>	<b>LS-0214 RR2</b>	<b>0.2</b>	<b>9/19</b>	<b>0.6</b>	<b>35</b>	<b>35.4</b>	<b>14.8</b>	<b>69.1</b>	<b>61.9</b>	<b>70.3</b>
Legacy	LS-00834 RR2	00.8	9/14	0.0	27	35.3	14.9	62.7	--	67.2
<b>Legacy</b>	<b>LS-0334 RR2</b>	<b>0.3</b>	<b>9/22</b>	<b>0.0</b>	<b>35</b>	<b>35.7</b>	<b>14.7</b>	<b>80.5</b>	<b>68.0</b>	<b>78.6</b>
Mycogen	5B013R2	0.1	9/18	1.7	37	34.6	15.9	72.2	--	72.3
Mycogen	5B024R	0.2	9/16	0.5	38	35.9	14.8	66.4	60.0	68.8
Mycogen	5G009R2	00.9	9/16	0.7	34	35.4	15.1	66.9	--	68.7
Mycogen	5G007R2	00.7	9/14	0.2	28	35.3	14.9	67.4	--	67.1
NorthStar	NS 0081NR2	00.8	9/17	0.6	31	35.8	14.8	59.1	--	64.7
NorthStar	NS 0111R2	0.1	9/18	0.7	35	34.7	15.7	69.8	62.6	71.7
NorthStar	NS 0200NR2	0.2	9/21	1.2	38	35.6	14.2	66.2	58.9	67.7
NorthStar	NS 0480NR2	0.4	9/21	1.4	34	35.3	14.5	64.8	59.9	69.9
PFS	16R01	0.1	9/16	1.2	36	34.4	15.8	71.7	60.6	72.2
PFS	15R04	0.4	9/22	0.4	32	34.4	14.9	70.4	61.1	--
Prairie Brand	PB00856R2	00.9	9/16	0.3	32	36.1	14.5	54.3	53.8	58.8
Prairie Brand	PB-0146R2	0.1	9/18	1.5	35	33.9	16.1	73.3	60.8	72.0
Prairie Brand	PB-0397R2	0.3	9/21	0.1	37	35.7	14.5	69.0	--	70.8
Prairie Brand	PB-0441R2	0.4	9/20	0.3	32	34.5	14.8	67.8	--	72.0
Proseed	30-20	0.2	9/19	0.6	36	35.2	14.8	73.7	64.7	73.7
REA	R0216	0.2	9/17	0.8	35	34.6	15.7	70.9	62.6	73.7
REA	64G94	0.4	9/20	0.6	34	33.0	16.4	63.4	59.8	65.5
Stine	02RD00	0.2	9/18	0.0	32	35.8	14.7	69.8	60.0	70.0

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								2016	2 yr Avg.	2-site Avg. <sup>3</sup>
Syngenta/NK	S02-B4	0.2	9/15	0.6	33	34.3	15.3	68.2	--	68.3
Syngenta/NK	S04-D3	0.4	9/19	0.3	34	34.0	15.1	64.3	58.9	68.1
Thunder	34006	00.6	9/13	0.0	30	34.9	15.0	67.2	--	66.3
Thunder	36008	00.8	9/18	0.5	33	35.7	14.8	52.9	50.1	56.9
<b>Thunder</b>	<b>3601</b>	<b>0.1</b>	<b>9/16</b>	<b>0.8</b>	<b>37</b>	<b>34.6</b>	<b>16.0</b>	<b>73.1</b>	<b>63.7</b>	<b>73.3</b>
Thunder	Astro	00.8	9/16	0.0	32	34.9	14.6	66.2	55.6	66.5
<b>Thunder</b>	<b>3503</b>	<b>0.3</b>	<b>9/20</b>	<b>0.0</b>	<b>34</b>	<b>36.6</b>	<b>14.3</b>	<b>76.0</b>	<b>65.0</b>	<b>--</b>
Wensman	W30085NR2	00.8	9/17	0.4	31	35.6	14.9	55.2	53.2	--
Wensman	W3024R2	0.2	9/15	0.1	29	35.5	14.8	70.0	64.8	--
Trial Mean			9/17	0.4	33	35.1	15.0	67.1	--	--
C.V. %			8.9	134.3	5.7	1.1	1.3	5.0	--	--
LSD 5%			2.2	0.8	2.7	0.7	0.4	4.7	--	--
LSD 10%			1.8	0.7	2.2	0.6	0.3	3.9	--	--

<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 southern region, Walsh County (Park River) and Nelson County (Pekin).

Yield, oil and protein reported at 13% moisture.

Planting Date: May 20

Harvest Date: September 30