

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

**Soybean - Roundup Ready - 2016**

**Park River - Walsh County (Page 1-2)**

Brand	Variety	Maturity Group <sup>1</sup>	Maturity date <sup>2</sup>	Plant		Protein %	Oil %	Yield		
				Height in	Lodging 0-9			2016	2 yr Avg.	2-site Avg. <sup>3</sup>
Channel	00806R2	00.8	9/16	43	0.9	34.7	15.3	70.0	63.9	--
Channel	0205R2	0.2	9/18	46	1.9	34.7	15.0	76.0	67.7	--
Channel	0209R2	0.2	9/18	46	3.9	32.8	16.7	74.7	67.8	--
Dairyland	DSR-C918/R2Y	00.9	9/16	36	0.9	34.5	15.3	72.9	68.0	71.5
Dairyland	DSR-0225/R2Y	0.2	9/17	50	4.7	33.1	16.4	75.0	--	--
Dairyland	DSR-0305/R2Y	0.3	9/19	38	0.9	33.4	15.8	76.7	72.6	75.7
Dairyland	DST04-003/R2Y	0.4	9/23	38	0.2	34.3	14.9	78.5	--	73.8
Dairyland	DSR-0404/R2Y	0.4	9/22	39	0.6	34.1	15.1	74.8	68.4	70.8
Dyna-Gro	S009RY56	00.9	9/18	37	1.8	34.2	15.5	63.6	63.1	58.2
Dyna-Gro	S01RY86	0.1	9/18	46	4.1	32.5	16.8	67.6	66.1	70.3
Dyna-Gro	S03RY36	0.3	9/21	39	3.6	34.7	15.2	67.6	65.2	70.1
Hefty	H02R3	0.2	9/21	38	1.2	33.9	15.1	74.2	66.6	73.7
Hefty	H03R5	0.3	9/21	37	2.1	35.4	15.2	66.3	--	66.3
Integra	20087	00.8	9/16	35	0.9	35.6	14.8	71.6	64.4	70.1
Integra	20097	00.9	9/18	42	4.4	33.6	16.2	72.6	--	71.2
Integra	20126	0.1	9/18	42	3.1	34.9	15.1	68.6	64.4	70.9
Integra	20215	00.9	9/20	39	0.4	35.5	14.5	69.1	--	65.8
Legacy	LS-0135 RR2	0.1	9/18	48	3.6	33.7	16.3	74.7	69.7	72.3
Legacy	LS-00835N RR2	00.8	9/17	39	3.4	35.1	15.0	63.9	61.7	58.9
Legacy	LS-0214 RR2	0.2	9/17	40	3.1	35.1	15.1	71.6	65.5	70.3
Legacy	LS-00834 RR2	00.8	9/16	35	0.9	35.2	14.7	71.7	--	67.2
Legacy	LS-0334 RR2	0.3	9/22	42	4.1	35.1	14.9	76.7	71.9	78.6
Mycogen	5B013R2	0.1	9/17	47	5.3	33.0	16.7	72.4	--	72.3
Mycogen	5B024R	0.2	9/17	42	1.9	34.7	15.1	71.2	64.4	68.8
Mycogen	5G009R2	00.9	9/18	42	2.3	34.1	15.1	70.4	--	68.7
Mycogen	5G007R2	00.7	9/15	36	1.2	34.5	14.9	66.9	--	67.1
NorthStar	NS 0072R2	00.7	9/18	41	1.6	34.9	14.9	66.6	--	--
NorthStar	NS 0081NR2	00.8	9/17	35	2.4	34.9	14.9	70.3	--	64.7
NorthStar	NS 0111R2	0.1	9/18	45	4.7	32.9	16.3	73.5	68.6	71.7
NorthStar	NS 0200NR2	0.2	9/21	49	3.6	33.8	14.9	69.2	64.5	67.7
NorthStar	NS 0480NR2	0.4	9/23	40	2.4	34.8	14.9	75.0	71.4	69.9
PFS	16R01	0.1	9/18	47	4.9	33.8	16.0	72.7	63.9	72.2
Prairie Brand	PB00856R2	00.9	9/18	41	3.7	34.9	15.2	63.2	63.0	58.8
Prairie Brand	PB-0146R2	0.1	9/19	45	4.4	33.5	16.5	70.7	67.6	72.0
Prairie Brand	PB-0397R2	0.3	9/22	40	2.7	34.4	14.9	72.6	--	70.8
Prairie Brand	PB-0441R2	0.4	9/22	39	0.5	33.7	14.9	76.2	--	72.0

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								2016	2 yr Avg.	2-site Avg. <sup>3</sup>
Proseed	30-20	0.2	9/19	41	4.3	34.7	15.2	73.6	69.9	73.7
Proseed	10-08	00.8	9/18	43	3.3	33.5	15.5	63.4	--	--
REA	R0216	0.2	9/18	46	5.3	33.0	16.4	76.5	70.4	73.7
REA	64G94	0.4	9/21	43	4.8	32.5	16.3	67.6	66.1	65.5
Stine	02RD00	0.2	9/21	33	0.5	34.4	15.0	70.3	65.9	70.0
Syngenta/NK	S02-B4	0.2	9/17	41	1.5	33.7	16.0	68.3	--	68.3
Syngenta/NK	S04-D3	0.4	9/19	41	1.5	33.7	15.0	71.8	67.2	68.1
Thunder	34006	00.6	9/15	37	0.7	33.9	15.5	65.4	--	66.3
Thunder	36008	00.8	9/18	37	2.3	34.8	15.4	60.9	60.6	56.9
Thunder	3601	0.1	9/18	43	5.0	33.2	16.5	73.6	69.4	73.3
Thunder	Astro	00.8	9/17	41	2.3	33.8	14.9	66.8	63.7	66.5
Wensman	W300099R2	00.9	9/18	41	1.7	33.7	16.0	66.2	65.2	--
Wensman	W3018R2	0.1	9/17	49	4.5	33.2	16.6	72.4	68.2	--
Trial Mean			9/18	41	2.7	34.1	15.5	70.7	--	--
C.V. %			5.5	8.0	41.5	1.4	1.8	6.3	--	--
LSD 5%			1.4	4.6	1.5	0.9	0.6	6.3	--	--
LSD 10%			1.2	3.9	1.3	0.8	0.5	5.3	--	--

<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 26

Harvest Date: October 6