

**NDSU Langdon Research Extension Center
2017 Variety Trial**

Soybean - Roundup Ready - 2017

Park River - Walsh County (Page 1-2)

Brand	Variety	Herb. Trait ¹	Maturity Group ²	Plant Maturity date ³	Plant Height in	Lodging 0-9	Protein %	Oil %	Yield		
									2017	2 yr Avg.	2-site Avg. ⁴
Allegiant	005X17	RRXT	00.5	9/5	32	0	31.3	16.1	41.0	--	--
Allegiant	008X30N	RRXT	00.8	9/12	31	0.8	30.9	16.8	40.9	--	--
Allegiant	009X08	RRXT	00.9	9/26	37	0.6	30.8	16.0	56.8	--	--
Allegiant	01R80	RR2Y	0.1	9/14	35	0.9	31.1	17.2	47.4	--	58.9
Allegiant	02X03	RRXT	0.2	9/14	40	1.1	31.5	16.1	48.7	--	58.3
Allegiant	04X08N	RRXT	0.4	9/22	36	1.8	31.8	16.0	56.9	--	64.3
Channel	00717R2X	RRXT	00.7	9/9	31	0.4	31.7	15.8	52.9	--	61.7
Channel	0218R2X	RRXT	0.2	9/14	42	1.3	32.2	16.2	57.4	--	60.7
Dairyland	DSR-C918/2Y	RR2Y	00.9	9/12	31	0.5	32.6	15.6	53.8	63.3	59.3
Dairyland	DST00-003/R2Y	RR2Y	0.0	9/15	35	1.1	32.2	16.3	66.9	--	68.4
Dairyland	DST-0225/R2Y	RR2Y	0.2	9/13	35	1.2	31.5	17.0	56.9	66.0	63.6
Dairyland	DSR-0305/R2Y	RR2Y	0.3	9/19	34	2.3	32.1	16.0	52.9	64.8	61.6
Dairyland	DSR-0404/R2Y	RR2Y	0.4	9/19	35	0.1	32.5	15.6	58.8	66.8	64.8
Dairyland	DSR-0418/R2Y	RR2Y	0.4	9/21	35	1.4	33.8	15.5	57.0	--	61.9
Dyna-Gro	S01RY86	RR2Y	0.1	9/13	34	1.5	31.0	16.9	53.1	60.3	61.9
Dyna-Gro	S03RY36	RR2Y	0.3	9/17	34	2.1	33.6	15.6	61.5	64.6	66.8
Dyna-Gro	S04XT77	RRXT	0.4	9/18	36	1.0	32.7	15.8	62.5	66.5	66.2
Hefty	H02R3	RR2Y	0.2	9/19	37	0.6	33.1	15.7	56.3	65.3	64.6
Hefty	H02X7	RRXT	0.2	9/15	39	0.8	31.6	16.1	49.3	60.2	59.0
Hefty	H03X7	RRXT	0.3	9/18	34	0.8	33.5	15.4	57.3	61.9	63.6
Hefty	H03X8	RRXT	0.3	9/21	35	0.9	31.1	15.4	48.5	--	57.8
Integra	20087	RR2Y	00.8	9/12	31	0.2	33.1	15.1	58.7	65.2	64.2
Integra	20097	RR2Y	00.9	9/11	36	0.9	30.4	17.1	53.2	62.9	62.4
Integra	20468	RR2Y	0.4	9/17	39	2.6	32.6	15.8	60.7	--	--
Integra	50098	RRXT	00.9	9/12	35	0.4	31.4	15.7	55.2	60.8	--
Legacy	LS-0135 RR2	RR2Y	00.9	9/12	35	0.7	31.2	17.1	55.9	65.3	64.5
Legacy	LS-0214 RR2	RR2Y	0.2	9/16	39	0.4	32.9	15.8	57.7	64.6	65.3
Legacy	LS-0237N RR2X	RRXT	0.2	9/15	40	2.2	32.0	15.5	55.4	64.2	63.6
Legacy	LS-0334 RR2	RR2Y	0.3	9/20	39	1.9	32.3	16.0	61.2	69.0	65.5
Legacy	LS 0337N RR2X	RRXT	0.3	9/18	33	1.1	32.9	16.0	61.1	66.4	67.0
Legacy	LS-0438N RR2X	RRXT	0.4	9/22	37	2.7	32.8	15.8	61.5	--	65.8
Mustang	00X698	RRXT	00.6	9/6	34	0	30.8	15.7	51.3	--	--
Mustang	00X828	RRXT	00.8	9/12	35	0.9	31.3	16.4	51.0	--	--
Mustang	00726	RR2Y	00.7	9/14	37	0.8	32.6	15.7	55.0	--	--
Mustang	02356	RR2Y	0.2	9/12	36	1.7	31.6	16.5	57.4	--	--
Mustang	02311	RR2Y	0.2	9/16	35	0.4	33.6	15.1	57.9	--	--
NDSU	ND17009GT	GT	00.9	9/11	35	0.5	34.0	16.2	47.8	--	54.0
NorthStar	NS0072R2	RR2Y	00.7	9/14	36	0.4	33.0	15.7	46.7	56.7	--
NorthStar	NS 0081NR2	RR2Y	00.8	9/13	36	0.1	32.6	15.7	55.8	63.0	--

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NorthStar	NS 0111R2	RR2Y	0.1	9/13	36	1.9	31.9	16.7	53.8	63.7	60.4
NorthStar	NS 60092XR2	RRXT	00.9	9/11	32	0.7	31.5	15.5	55.3	--	63.4
NuTech	6502	RR2Y	00.5	9/10	29	0	31.6	16.6	46.6	--	--
NuTech	6008R2	RR2Y	00.8	9/10	34	0	29.3	16.4	52.0	--	--
Peterson	18X008N	RRXT	00.8	9/11	33	0.2	31.5	16.5	52.1	--	--
Peterson	17X009	RRXT	00.9	9/13	34	1.1	31.9	15.3	52.5	--	--
Peterson	16R01	RR2Y	0.1	9/11	35	1.0	30.7	17.1	49.6	61.2	61.5
Prairie	PB-00928R2	RR2Y	00.9	9/16	36	1.9	31.8	16.0	59.2	--	64.5
Prairie	PB-0146R2	RR2Y	0.1	9/13	34	0.8	30.6	17.3	50.6	60.7	60.4
Prairie	PB-0397R2	RR2Y	0.3	9/18	38	2.1	32.6	15.5	57.0	64.8	62.8
Proseed	50-08N	RR2Y	00.8	9/13	37	0.7	32.5	15.7	57.4	--	--
Proseed	XT 60-09	RRXT	00.9	9/11	35	0.2	32.2	14.9	53.7	60.4	--
Proseed	70-08 XN	RRXT	00.8	9/11	34	0.9	31.0	16.4	50.9	--	--
Proseed	30-20	RR2Y	0.2	9/16	37	0.9	32.8	15.7	53.7	63.7	61.5
Proseed	50-10	RR2Y	0.1	9/11	33	0.8	31.8	16.6	54.3	--	--
REA	RX0228	RRXT	0.2	9/14	35	0	32.2	16.1	55.3	--	61.0
REA	RX0327	RRXT	0.3	9/16	37	0.3	33.4	15.8	60.8	--	63.9
Syngenta/GH	GH0391	RR2Y	0.3	9/17	34	1.3	32.0	15.8	54.9	--	62.7
Syngenta/NK	S03-S6X	RRXT	0.3	9/13	32	0	31.9	15.5	50.1	--	59.5
Thunder	SB88007N	RRXT	00.7	9/10	35	0.5	31.6	16.3	54.1	--	60.8
Thunder	36008 R2Y	RR2Y	00.8	9/14	35	1.1	32.3	15.7	53.5	57.2	59.3
Thunder	SB87009	RRXT	00.9	9/15	39	0.8	31.8	15.3	54.8	--	60.0
Thunder	3503 R2Y	RR2Y	0.3	9/19	37	1.8	33.5	15.5	54.7	--	62.1
Thunder	SB8703	RRXT	0.4	9/16	41	2.1	31.4	16.1	55.6	--	61.3
Thunder	3601 R2Y	RR2Y	0.1	9/15	39	3.5	31.6	17.0	54.8	64.2	62.9
Wensman	W10063NRX	RRXT	00.6	9/10	31	0.5	31.4	15.9	53.8	--	62.5
Wensman	W1011RX	RRXT	0.1	9/16	37	2.1	33.3	15.6	57.5	--	61.5
Wensman	W1039NRX	RRXT	0.3	9/19	36	1.9	31.9	15.1	55.9	--	62.1
Wensman	W30099R2	RR2Y	00.9	9/12	35	1.3	32.4	15.9	54.0	60.1	--
Trial Mean				9/14	35	1.0	32.0	16.0	54.0	--	--
C.V. %				8.7	7.4	106	1.6	2.1	8.0	--	--
LSD 5%				1.7	3.6	1.5	1.0	0.7	6.1	--	--
LSD 10%				1.4	3.0	1.2	0.8	0.6	5.1	--	--

¹Herbicide Trait - RRXT=RR2Xtend,GT=Glyphosate Tolerant

²Maturity Group provided by company

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

Yield, oil and protein reported at 13% moisture.

Planting Date: May 24

Harvest Date: October 9