

**NDSU Langdon Research Extension Center  
2018 Variety Trial**

**Soybean - Roundup Ready - 2018**

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

Brand	Variety	Herb. Trait <sup>1</sup>	Maturity Group <sup>2</sup>	Plant Maturity date <sup>3</sup>	Plant Height in	Lodging 0-9	Protein %	Oil %	Yield		
									2018	2 yr Avg.	2-site Avg. <sup>4</sup>
Allegiant	005X17	RR2XT	00.5	9/1	43	0.6	35.8	15.1	52.0	46.5	47.3
Allegiant	008X30N	RR2XT	00.8	9/2	43	1.5	35.8	15.0	52.7	46.8	51.0
Allegiant	009X08	RR2XT	00.9	9/5	45	1.7	33.8	16.1	59.8	58.3	56.7
Allegiant	01R80	RR2Y	0.1	9/6	48	2.6	35.7	15.1	53.7	50.6	52.4
Allegiant	02X03	RR2XT	0.2	9/7	48	3.0	34.9	16.7	61.2	54.9	55.2
Allegiant	03X21N	RR2XT	00.7	9/6	43	2.8	35.5	16.1	63.8	--	58.7
Channel	00717R2X	RR2XT	00.7	9/2	40	1.0	34.7	15.4	58.8	55.8	53.3
Channel	0218R2X	RR2XT	0.2	9/5	48	1.7	35.4	15.2	50.4	53.9	48.1
Dairyland	DSR-0200/R2Y	RR2Y	0.2	9/3	46	0.9	34.0	16.1	51.5	--	48.7
Dairyland	DSR-0225/R2Y	RR2Y	0.2	9/4	43	1.8	34.8	16.9	59.2	58.1	56.3
Dairyland	DSR-0305/R2Y	RR2Y	0.3	9/7	42	1.2	35.8	15.7	55.3	54.1	55.6
Dairyland	DSR-0397/R2Y	RR2Y	0.3	9/6	43	0.6	37.0	14.8	55.3	56.1	55.1
Dairyland	DSR-0404/R2Y	RR2Y	0.4	9/7	43	0.0	36.5	15.4	56.9	57.9	54.7
Dairyland	DSR-0418/R2Y	RR2Y	0.4	9/8	42	0.5	37.5	14.3	56.1	56.6	54.6
Dairyland	DSR-C999/R2Y	RR2Y	00.9	9/5	39	1.2	34.8	16.0	60.6	--	56.8
Dairyland	DSR-0509R	RR1	0.5	9/9	39	0.0	35.5	15.8	54.4	--	51.1
Dairyland	DSR-C709R	RR1	00.7	9/1	39	0.3	35.7	15.6	62.2	54.4	--
Dyna-Gro	S009XT68	RR2XT	00.9	9/4	46	0.8	36.5	14.6	51.8	--	52.2
Dyna-Gro	S03XT29	RR2XT	0.3	9/5	42	1.5	35.5	15.2	51.9	--	51.6
Dyna-Gro	S04XT77	RR2XT	0.4	9/6	41	0.9	36.4	15.6	58.3	60.4	55.8
Golden H.	GH0339X	RR2XT	0.3	9/6	43	3.1	34.4	15.5	54.1	--	55.2
Golden H.	GH0391	RR2Y	0.3	9/8	38	4.2	36.1	15.4	58.0	56.5	53.7
Hefty	H02R3	RR2Y	0.2	9/12	35	1.5	36.3	15.0	36.6	46.5	40.8
Hefty	H03X8	RR2XT	0.3	9/8	45	0.4	36.5	15.0	58.5	53.5	52.6
Hefty	H04X8	RR2XT	0.4	9/12	38	1.1	36.9	15.0	53.5	--	52.4
Integra	20097	RR2Y	00.9	9/5	46	2.9	33.7	17.3	58.5	55.8	54.9
Integra	20126	RR2Y	0.1	9/6	47	0.9	37.0	15.4	60.2	--	55.1
Integra	20468	RR2Y	0.2	9/7	42	2.1	36.6	14.8	56.1	58.4	54.3
Integra	50098	RR2XT	00.9	9/1	41	0.0	35.1	15.0	52.4	53.8	47.7
Integra	50309N	RR2XT	0.3	9/6	41	3.5	35.7	14.8	57.2	--	56.2
Legacy	LS-0135 RR2	RR2Y	00.9	9/6	45	2.9	33.9	17.0	63.4	59.7	56.8
Legacy	LS-0237 RR2X	RR2XT	0.2	9/7	47	2.9	36.2	15.6	56.9	56.1	54.6
Legacy	LS-0239 RR2X	RR2XT	0.2	9/6	42	3.2	35.1	15.3	56.0	--	54.3
Legacy	LS-0334 RR2	RR2	0.3	9/9	42	0.4	37.3	14.9	53.9	57.6	55.7
Legacy	LS-0337N RR2X	RR2XT	0.3	9/6	40	1.2	37.1	15.5	54.9	58.0	55.5
Legacy	LS-0438N RR2X	RR2XT	0.4	9/8	40	0.9	37.7	15.1	55.0	58.2	54.3

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									2018	2 yr Avg.	2-site Avg. <sup>4</sup>
LG Seeds	LGS00663RX	RR2XT	00.6	9/3	39	0.7	33.9	16.0	61.3	--	51.9
LG Seeds	LGS00899RX	RR2XT	00.8	9/4	42	2.4	34.6	16.1	60.2	--	54.4
LG Seeds	LGS00909R2	RR2Y	00.9	9/4	42	2.0	34.1	16.4	53.2	--	--
LG Seeds	LGS0111RX	RR2XT	0.1	9/6	43	2.1	36.1	15.3	54.7	--	52.5
LG Seeds	LGS0355RX	RR2XT	0.3	9/5	40	2.3	36.4	14.3	47.0	--	48.7
LG Seeds	LGS0400RX	RR2XT	0.4	9/7	44	0.5	35.6	15.2	53.2	--	54.2
NDSU	ND17009GT	GT	00.9	9/6	47	4.1	37.8	15.8	55.0	51.4	50.1
NDSU	ND18008GT	GT	00.8	9/3	39	1.3	35.8	15.7	49.4	--	42.6
NorthStar	NS 0111R2	RR2Y	0.1	9/5	47	2.4	34.6	16.7	60.4	57.1	--
NorthStar	NS 60264NXR2	RR2XT	0.2	9/6	46	3.0	35.8	15.0	58.3	--	56.4
NorthStar	NS 60442NXR2	RR2XT	0.3	9/7	39	0.1	36.6	15.3	60.2	--	57.2
NuTech	6008R2	RR2Y	00.8	9/3	44	2.0	33.0	16.7	52.4	52.2	--
Peterson	16R01	RR2Y	0.1	9/2	45	1.5	34.6	16.8	52.7	51.2	52.4
Peterson	18X008N	RR2XT	00.8	9/1	41	1.7	33.9	16.1	51.4	51.8	--
Prairie	PB-00928R2	RR2Y	0.1	9/4	39	1.2	36.2	15.4	62.7	61.0	59.1
Prairie	PB-0146R2	RR2Y	0.1	9/4	47	2.9	34.6	16.9	60.0	55.3	55.9
Proseed	50-08	RR2Y	00.8	9/6	41	1.3	36.3	15.5	53.0	55.2	49.5
Proseed	XT 60-09	RR2XT	00.9	9/5	44	1.0	35.9	14.9	54.3	54.0	52.6
Proseed	XT 70-09	RR2XT	00.4	9/3	42	2.2	33.9	16.6	56.5	--	51.7
Proseed	XT 80-20	RR2XT	0.2	9/6	43	3.0	33.9	15.7	54.1	--	52.4
REA	RX0228	RR2XT	0.2	9/6	47	1.3	34.9	15.8	56.9	56.1	49.9
Syng NK	S009-J1	RR2Y	00.9	9/1	38	0.0	35.7	15.3	49.2	--	--
Syng NK	S01-C4X	RR2XT	0.1	9/6	43	2.8	34.1	16.2	61.7	--	--
Syng NK	S03-G9	RR2Y	0.3	9/8	40	5.2	36.3	15.8	57.8	--	--
Thunder	3503 R2Y	RR2Y	0.3	9/8	42	1.1	38.0	14.8	54.0	54.3	53.1
Thunder	3601 R2Y	RR2Y	0.1	9/2	45	1.3	34.7	16.9	54.7	54.7	53.0
Thunder	SB87009	RR2XT	00.9	9/3	45	1.3	35.8	14.7	50.2	52.5	52.9
Thunder	SB8903N	RR2XT	0.3	9/8	41	2.7	35.7	14.7	55.8	--	55.5
Trial Mean				9/5	42	1.5	35.5	15.6	55.8	--	--
C.V. %				1.9	5.9	69.6	2.0	2.6	13.1	--	--
LSD 5%				2.7	3.5	1.5	1.4	0.8	10.2	--	--
LSD 10%				2.3	2.9	1.3	1.2	0.7	8.5	--	--

<sup>1</sup>Herbicide Trait - RR2XT=RR2Xtend,GT=Glyphosate Tolerant

<sup>2</sup>Maturity Group provided by company

<sup>3</sup>Date of physiological maturity at 95% brown pod.

<sup>4</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 23

Harvest Date: October 23