

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

<b>Soybean - Roundup Ready - 2018</b>										<b>Cavalier - Pembina County (Page 1-2)</b>	
Brand	Variety	Herb. Trait <sup>1</sup>	Maturity Group <sup>2</sup>	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	9/2	39	0.0	32.3	16.4	49.6	47.2	49.0
Allegiant	007X32N	RR2XT	00.7	9/3	38	0.0	32.8	16.6	54.8	--	51.5
Allegiant	008X30N	RR2XT	00.8	9/3	39	0.4	30.9	17.4	57.3	48.9	53.2
Allegiant	009X08	RR2XT	00.9	9/7	41	0.7	33.3	15.8	59.2	54.7	54.7
Allegiant	01R80	RR2Y	0.1	9/8	40	0.8	32.7	17.2	53.5	49.1	51.8
Allegiant	02X03	RR2XT	0.2	9/9	44	1.9	33.2	16.4	59.8	--	54.4
Dairyland	DSR-0200/R2Y	RR2Y	0.2	9/6	43	1.3	32.7	16.4	53.7	--	53.2
Dairyland	DSR-0225/R2Y	RR2Y	0.1	9/8	40	1.4	32.6	17.6	58.4	51.1	56.4
Dairyland	DSR-0509R	RR1	0.5	9/13	36	0.2	32.1	16.5	53.4	--	48.0
Dairyland	DSR-C709R	RR1	00.7	9/5	34	0.0	32.9	16.6	46.2	50.3	43.5
Dairyland	DSR-C999/R2Y	RR2Y	0.1	9/7	37	0.3	33.2	16.4	57.4	57.6	54.3
Dahlman	56009NRR2Y	RR2Y	00.9	9/9	39	2.2	33.7	16.3	57.6	54.1	51.5
Dahlman	5601RR2Y	RR2Y	0.1	9/8	40	2.2	32.1	17.4	57.2	50.2	52.7
Dahlman	68008XN	RR2XT	00.8	9/5	39	1.1	30.7	17.2	51.6	46.5	50.9
Dyna-Gro	S005XT38	RR2XT	00.5	9/3	40	0.4	32.0	16.4	51.3	52.1	50.1
Dyna-Gro	S007XT27	RR2XT	00.7	9/3	36	0.1	32.4	16.7	53.6	55.2	51.5
Dyna-Gro	S007XT59	RR2XT	00.7	9/3	35	0.1	33.2	16.4	50.5	--	50.6
Dyna-Gro	S009XT49	RR2XT	00.9	9/6	41	1.0	33.7	15.6	62.6	--	55.9
Dyna-Gro	S009XT68	RR2XT	00.9	9/6	41	1.1	32.7	16.2	53.7	55.8	51.4
Golden H.	GH00866	RR2Y	00.8	9/4	41	0.0	32.8	17.3	53.9	57.2	51.1
Golden H.	GH0145X	RR2XT	0.1	9/9	40	1.4	31.2	16.4	59.3	--	53.9
Hefty	H008R6	RR2Y	00.8	9/9	38	3.6	33.6	16.1	51.1	50.8	45.1
Hefty	H008X8	RR2XT	00.8	9/5	37	0.5	31.3	17.4	55.3	--	52.4
Hefty	H009X7	RR2XT	00.9	9/8	40	2.2	33.1	15.7	57.6	50.6	52.0
Hefty	H02R3	RR2Y	0.2	9/14	35	1.2	33.5	15.6	40.0	--	41.2
Hefty	H02X9	RR2XT	0.2	9/7	39	1.4	33.1	15.4	55.7	--	52.2
Integra	20087	RR2Y	00.8	9/8	34	1.1	34.6	15.7	55.8	57.7	52.2
Integra	20097	RR2Y	00.9	9/6	40	1.1	32.3	17.4	53.2	53.3	52.0
Integra	50069	RR2XT	00.6	9/5	37	0.6	32.2	16.4	53.8	51.5	50.4
Integra	50098	RR2XT	00.9	9/4	35	0.5	32.6	16.5	48.8	--	45.0
Legacy	LS-00737N RR2X	RR2Y	00.7	9/6	36	0.0	32.6	16.2	50.9	52.7	48.1
Legacy	LS-00937 RR2X	RR2XT	00.9	9/7	38	1.9	32.3	15.8	54.6	53.5	51.8
Legacy	LS-0135 RR2	RR2Y	00.9	9/9	42	2.1	33.0	17.2	55.5	53.2	52.9
Legacy	LS-0237 RR2X	RR2XT	0.2	9/10	45	1.7	32.9	16.6	56.9	53.6	51.7
Legacy	LS-0239 RR2X	RR2XT	0.2	9/6	39	0.9	32.4	15.9	55.0	--	52.5

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Brand	Variety	Herb. Trait <sup>1</sup>	Maturity Group <sup>2</sup>	Maturity date <sup>3</sup>	Plant Height in	Lodging 0-9	Protein %	Oil %	Yield		
									2018	2 yr Avg.	2-site Avg. <sup>4</sup>
LG Seeds	LGS00663RX	RR2XT	00.6	9/5	35	0.0	32.6	16.4	53.3	--	47.8
LG Seeds	LGS00885R2	RR2Y	00.8	9/8	41	0.3	34.3	15.8	52.7	--	50.0
LG Seeds	LGS0111RX	RR2XT	0.1	9/10	42	1.0	33.4	16.0	56.5	--	52.6
NDSU	ND17009GT	GT	00.9	9/5	39	0.3	35.7	15.9	50.0	50.2	46.7
NDSU	ND18008GT	GT	00.8	9/4	37	0.0	33.8	16.8	43.5	--	41.1
Syng NK	S009-J1	RR2Y	00.9	9/5	36	0.9	33.9	16.6	53.9	60.5	51.3
Syng NK	S01-C4X	RR2XT	0.1	9/8	41	1.0	31.4	16.6	55.1	--	52.7
NorthStar	NS 0064R2	RR2Y	00.6	9/4	37	0.8	33.2	17.0	62.0	--	54.1
NorthStar	NS 60053XR2	RR2XT	00.5	9/3	39	0.2	32.1	16.5	51.8	51.4	49.4
NorthStar	NS 60092XR2	RR2XT	00.9	9/5	37	0.3	32.8	16.1	50.0	--	--
NuTech	6008R2	RR2Y	00.8	9/5	39	1.4	30.9	17.5	50.3	53.7	48.1
Peterson	16R01	RR2Y	0.1	9/8	41	2.0	32.3	17.3	58.0	51.1	54.7
Peterson	18X008N	RR2XT	00.8	9/5	39	0.4	31.6	16.9	53.2	46.6	51.4
Prairie	PB-00856R2	RR2Y	00.9	9/9	37	1.7	33.7	16.1	51.5	49.1	49.2
Proseed	50-08	RR2Y	00.8	9/9	38	2.3	33.8	16.0	58.1	57.9	51.7
Proseed	XT 60-09	RR2XT	00.9	9/7	41	1.1	33.0	16.0	54.7	54.5	51.2
Proseed	XT 70-09	RR2XT	00.4	9/4	38	0.7	31.3	17.3	52.8	--	50.7
Proseed	XT 80-20	RR2XT	0.2	9/9	38	1.0	32.6	15.5	54.9	--	51.8
REA	R00727	RR2Y	00.7	9/5	38	0.4	32.2	16.4	50.2	54.1	49.0
REA	RX00619	RR2XT	00.6	9/1	36	0.0	32.0	17.0	54.2	--	50.7
REA	RX00749	RR2XT	00.7	9/3	37	0.1	32.8	16.6	51.5	--	48.9
REA	RX0228	RR2XT	0.2	9/9	42	0.9	32.5	16.2	58.0	55.3	52.5
Thunder	3601 R2Y	RR2Y	0.1	9/8	41	1.5	32.1	17.6	51.1	51.2	51.0
Thunder	39005 R2Y	RR2Y	00.5	9/3	35	0.4	33.9	16.1	56.9	--	52.8
Thunder	Astro	RR2Y	00.8	9/9	40	1.2	32.8	15.9	59.6	--	55.2
Thunder	SB87009	RR2XT	00.9	9/9	39	0.7	33.0	16.0	58.5	54.5	54.0
Thunder	SB88007N	RR2XT	00.7	9/7	37	2.0	32.2	17.0	54.2	56.2	52.0
Thunder	SB89006N	RR2XT	00.6	9/3	36	0.3	32.2	16.5	48.3	--	48.3
Trial Mean				9/6	39	0.9	32.7	16.5	53.9	--	--
C.V. %				1.1	5.3	83.9	1.5	1.7	7.0	--	--
LSD 5%				1.9	3.3	1.3	1.0	0.6	6.1	--	--
LSD 10%				1.6	2.8	0.9	0.8	0.6	5.1	--	--

<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 northern region. Langdon REC and Pembina County (Cavalier).

Yield, oil and protein reported at 13% moisture.

Planting Date: May 23

Harvest Date: October 18