

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

**Soybean - Roundup Ready - 2017**

**Cavalier - Pembina County (Page 1-2)**

Brand	Variety	Herb. Trait <sup>1</sup>	Maturity Group <sup>2</sup>	Maturity date <sup>3</sup>	Protein %	Oil %	Yield		
							2017	2 yr Avg.	2-site Avg. <sup>4</sup>
Allegiant	005X17	RRXT	00.5	9/4	32.1	15.5	44.8	--	47.7
Allegiant	008X30N	RRXT	00.8	9/11	31.9	16.0	40.4	--	39.0
Allegiant	009X08	RRXT	00.9	9/14	33.3	15.3	50.3	--	50.7
Allegiant	01R80	RR2Y	0.1	9/10	32.9	16.4	44.7	--	50.3
Dahlman	68008XN	RRXT	00.8	9/10	32.5	15.2	41.4	--	47.5
Dahlman	67009X	RRXT	00.9	9/9	33.3	15.6	44.8	--	48.6
Dahlman	56009NRR2Y	RR2Y	00.9	9/12	33.3	15.4	50.6	--	51.2
Dahlman	5601RR2Y	RR2Y	0.1	9/7	32.6	16.8	43.2	--	51.5
Dyna-Gro	S005RY87	RR2Y	00.5	9/5	33.3	15.9	47.5	57.7	50.7
Dyna-Gro	S005XT38	RRXT	00.5	9/6	31.8	15.7	52.9	--	54.6
Dyna-Gro	S006RY97	RR2Y	00.6	9/8	32.5	15.6	53.8	--	54.5
Dyna-Gro	S007XT27	RRXT	00.7	9/7	32.8	15.5	56.8	61.7	60.4
Dyna-Gro	S009XT68	RRXT	00.9	9/10	33.5	14.6	57.9	--	58.2
Hefty	H005X8	RRXT	00.5	9/6	33.6	15.2	37.0	--	37.0
Hefty	H007X7	RRXT	00.7	9/8	32.2	14.9	46.4	50.8	50.1
Hefty	H008R6	RR2Y	00.8	9/11	34.0	15.0	50.5	61.4	51.5
Hefty	H009X7	RRXT	00.9	9/8	32.9	14.8	43.6	55.6	47.0
Hefty	H00R6	RR2Y	0.0	9/8	32.6	15.9	46.0	63.2	50.8
Integra	20062	RR2Y	00.6	9/5	33.1	16.1	47.8	--	52.2
Integra	20087	RR2Y	00.8	9/11	33.3	14.9	59.6	70.1	60.7
Integra	20097	RR2Y	00.9	9/11	33.3	15.8	53.4	67.2	58.9
Integra	50069	RRXT	00.6	9/5	32.9	15.2	49.1	--	52.9
Legacy	LS-00538 RR2X	RRXT	00.5	9/6	32.9	15.5	48.0	--	51.9
Legacy	LS-00738N RR2X	RRXT	00.7	9/6	32.7	15.3	54.5	--	57.8
Legacy	LS-00937 RR2X	RRXT	00.9	9/9	33.0	14.4	52.4	63.0	56.0
Legacy	LS-0135 RR2	RR2Y	00.9	9/11	32.6	16.7	50.9	65.0	57.9
Legacy	LS-0214 RR2	RR2Y	0.2	9/12	33.8	15.4	47.9	66.4	52.2
Legacy	LS-0237N RR2X	RRXT	0.2	9/13	33.4	15.3	50.4	65.1	54.3
Mustang	00X698	RRXT	00.6	9/5	32.8	15.3	49.9	--	53.0
Mustang	00X828	RRXT	00.8	9/11	32.5	15.5	47.3	--	49.3
Mustang	02356	RR2Y	0.2	9/10	31.9	16.4	51.2	--	56.3
Mustang	02311	RR2Y	0.2	9/13	34.3	14.8	50.5	--	53.2
NDSU	ND17009GT	GT	00.9	9/9	35.4	15.9	50.5	--	51.5
NorthStar	NS 60053XR2	RRXT	00.5	9/5	32.7	14.9	51.0	--	54.1
NorthStar	NS0052R2	RR2Y	00.5	9/5	33.0	15.9	49.9	56.6	54.9
NorthStar	NS0072R2	RR2Y	00.7	9/13	33.9	15.5	49.9	60.0	51.7
NorthStar	NS 60083NXR2	RRXT	00.8	9/11	33.0	15.3	54.2	--	--
NuTech	6502	RR1	00.5	9/2	33.3	16.1	54.4	--	--
NuTech	6008R2	RR2Y	00.8	9/10	32.4	15.3	57.0	57.1	57.6

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Brand	Variety	Herb. Trait <sup>1</sup>	Maturity Group <sup>2</sup>	Maturity date <sup>3</sup>	Protein %	Oil %	Yield		
							2017	2 yr Avg.	2-site Avg. <sup>4</sup>
Peterson	18X008N	RRXT	00.8	9/9	32.7	15.9	40.1	--	46.8
Peterson	17X009	RRXT	00.9	9/10	33.5	14.9	43.6	59.9	48.4
Peterson	16R008N	RR2Y	00.8	9/12	33.6	14.7	50.8	60.0	55.0
Peterson	16R01	RR2Y	0.1	9/11	33.7	15.7	44.3	62.0	50.3
Prairie	PB-00856R2	RR2Y	00.9	9/12	33.2	15.1	46.7	59.6	46.7
Prairie	PB-00928R2	RR2Y	00.9	9/13	33.0	15.7	57.9	--	56.9
Prairie	PB-0146R2	RR2Y	0.1	9/11	33.4	15.7	43.8	62.1	50.1
Proseed	30-07	RR2Y	00.7	9/5	33.3	14.8	49.5	--	50.9
Proseed	40-07	RR2Y	00.7	9/2	31.7	14.7	53.8	57.2	54.1
Proseed	50-08N	RR2Y	00.8	9/13	32.9	15.2	57.7	66.3	59.3
Proseed	XT 60-09	RRXT	00.9	9/10	32.2	15.4	54.3	63.6	55.4
Proseed	70-08 XN	RRXT	00.8	9/12	32.6	15.4	50.7	--	50.7
REA	R00727	RR2Y	00.7	9/8	33.6	15.1	57.9	62.9	60.1
REA	RX00738	RRXT	00.7	9/10	32.2	15.5	51.6	--	52.4
REA	RX0228	RRXT	0.2	9/13	32.9	16.0	52.5	--	53.5
Syngenta/GH	GH00866	RR2Y	00.8	9/9	32.1	16.6	60.4	--	60.5
Syngenta/NK	S009-J1	RR2Y	00.9	9/9	32.7	16.1	67.0	--	64.3
Thunder	SB88005	RR2Y	00.5	9/2	34.9	15.3	46.8	--	45.3
Thunder	SB88007N	RRXT	00.7	9/10	32.1	15.6	58.2	--	57.5
Thunder	36008 R2Y	RR2Y	00.8	9/13	33.3	15.4	56.4	63.1	--
Thunder	37004 R2Y	RR2Y	00.4	9/8	33.0	15.8	54.3	--	55.0
Thunder	SB87009	RRXT	00.9	9/11	33.1	14.7	50.6	--	52.0
Thunder	3601 R2Y	RR2Y	0.1	9/11	33.0	15.8	51.3	66.5	--
Wensman	W10042RX	RRXT	00.4	9/6	33.3	15.7	47.9	--	51.3
Wensman	W10063NRX	RRXT	00.6	9/6	33.5	14.7	56.7	62.1	57.7
Wensman	W1011RX	RRXT	0.1	9/14	33.7	15.8	51.3	--	53.5
Wensman	W30085R2	RR2Y	00.8	9/12	33.5	14.9	56.7	--	57.1
Trial Mean				9/9	33.0	15.4	50.0	--	--
C.V. %				15.8	2.6	3.3	6.4	--	--
LSD 5%				1.9	NS	1.0	4.4	--	--
LSD 10%				1.6	NS	0.8	3.7	--	--

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

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

<sup>3</sup>Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color.)

<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.

Lodging was very minimal and is not reported.

Planting Date: May 19

Harvest Date: October 6