

NDSU Langdon Research Extension Center
2017 Variety Trial

Soybean - Roundup Ready - 2017

Cavalier - Pembina County (Page 1-2)

Brand	Variety	Herb. Trait ¹	Maturity Group ²	Maturity date ³	Protein %	Oil %	Yield		
							2017	2-yr Avg.	2-site Avg. ⁴
							-----bu/a-----		
Allegiant	005X17	RRXT	00.5	9/4	Not yet		44.8	--	47.7
Allegiant	008X30N	RRXT	00.8	9/11	available		40.4	--	39.0
Allegiant	009X08	RRXT	00.9	9/14			50.3	--	50.7
Allegiant	01R80	RR2Y	0.1	9/10			44.7	--	50.3
Dahlman	68008XN	RRXT	00.8	9/10			41.4	--	47.5
Dahlman	67009X	RRXT	00.9	9/9			44.8	--	48.6
Dahlman	56009NRR2Y	RR2Y	00.9	9/12			50.6	--	51.2
Dahlman	5601RR2Y	RR2Y	0.1	9/7			43.2	--	51.5
Dyna-Gro	S005RY87	RR2Y	00.5	9/5			47.5	57.7	50.7
Dyna-Gro	S005XT38	RRXT	00.5	9/6			52.9	--	54.6
Dyna-Gro	S006RY97	RR2Y	00.6	9/8			53.8	--	54.5
Dyna-Gro	S007XT27	RRXT	00.7	9/7			56.8	61.7	60.4
Dyna-Gro	S009XT68	RRXT	00.9	9/10			57.9	--	58.2
Hefty	H005X8	RRXT	00.5	9/6			37.0	--	37.0
Hefty	H007X7	RRXT	00.7	9/8			46.4	50.8	50.1
Hefty	H008R6	RR2Y	00.8	9/11			50.5	61.4	51.5
Hefty	H009X7	RRXT	00.9	9/8			43.6	55.6	47.0
Hefty	H00R6	RR2Y	0.0	9/8			46.0	63.2	50.8
Integra	20062	RR2Y	00.6	9/5			47.8	--	52.2
Integra	20087	RR2Y	00.8	9/11			59.6	70.1	60.7
Integra	20097	RR2Y	00.9	9/11			53.4	67.2	58.9
Integra	50069	RRXT	00.6	9/5			49.1	--	52.9
Legacy	LS-00538 RR2X	RRXT	00.5	9/6			48.0	--	51.9
Legacy	LS-00738N RR2X	RRXT	00.7	9/6			54.5	--	57.8
Legacy	LS-00937 RR2X	RRXT	00.9	9/9			52.4	63.0	56.0
Legacy	LS-0135 RR2	RR2Y	00.9	9/11			50.9	65.0	57.9
Legacy	LS-0214 RR2	RR2Y	0.2	9/12			47.9	66.4	52.2
Legacy	LS-0237N RR2X	RRXT	0.2	9/13			50.4	65.1	54.3
Mustang	00X698	RRXT	00.6	9/5			49.9	--	53.0
Mustang	00X828	RRXT	00.8	9/11			47.3	--	49.3
Mustang	02356	RR2Y	0.2	9/10			51.2	--	56.3
Mustang	02311	RR2Y	0.2	9/13			50.5	--	53.2
NDSU	ND17009GT	GT	00.9	9/9			50.5	--	51.5
NorthStar	NS 60053XR2	RRXT	00.5	9/5			51.0	--	54.1
NorthStar	NS0052R2	RR2Y	00.5	9/5			49.9	56.6	54.9
NorthStar	NS0072R2	RR2Y	00.7	9/13			49.9	60.0	51.7
NorthStar	NS 60083NXR2	RRXT	00.8	9/11			54.2	--	--
NuTech	6502	RR1	00.5	9/2			54.4	--	--
NuTech	6008R2	RR2Y	00.8	9/10			57.0	57.1	57.6

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

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 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