

NDSU Langdon Research Extension Center
2017 Variety Trial

Soybean - Roundup Ready - 2017

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Brand	Variety	Herb. Trait ¹	Maturity Group ²	Maturity date ³	Lodging 0-9	Plant Height in	Protein %	Oil %	Yield		
									2017	2 yr Avg.	2-site Avg. ⁴
Allegiant	005X17	RRXT	00.5	9/10	0.1	37	Not yet		50.5	--	47.7
Allegiant	008X30N	RRXT	00.8	9/14	0.3	37	available		37.6	--	39.0
Allegiant	009X08	RRXT	00.9	9/24	1.0	39			51.1	--	50.7
Allegiant	01R80	RR2Y	0.1	9/11	0.1	40			55.8	--	50.3
Channel	00717R2X	RRXT	00.7	9/11	0.2	36			57.5	--	--
Channel	0218R2X	RRXT	0.2	9/15	1.1	42			55.5	--	--
Croplan	R200516	RR2Y	00.5	9/10	0.1	36			57.1	59.6	--
Croplan	RX00926	RRXT	00.9	9/12	0.4	41			58.5	--	--
Dahlman	56009NRR2Y	RR2Y	00.9	9/14	0.4	35			51.9	--	51.2
Dahlman	5601RR2Y	RR2Y	0.1	9/11	1.3	40			59.9	--	51.5
Dahlman	67009X	RRXT	00.9	9/12	0.5	38			52.5	--	48.6
Dahlman	68008XN	RRXT	00.8	9/12	1.2	39			53.6	--	47.5
Dyna-Gro	S005RY87	RR2Y	00.5	9/10	0	38			54.0	59.9	50.7
Dyna-Gro	S006RY97	RR2Y	00.6	9/11	0	34			55.2	--	54.5
Dyna-Gro	S007XT27	RRXT	00.7	9/11	0	37			64.0	66.3	60.4
Dyna-Gro	S009XT68	RRXT	00.9	9/12	0.5	40			58.6	--	58.2
Dyna-Gro	S005XT38	RRXT	00.5	9/10	0.5	36			56.3	--	54.6
Hefty	H005X8	RRXT	00.5	9/12	0.3	35			37.0	--	37.0
Hefty	H007X7	RRXT	00.7	9/11	0	35			53.8	57.3	50.1
Hefty	H008R6	RR2Y	00.8	9/14	0	35			52.6	55.3	51.5
Hefty	H009X7	RRXT	00.9	9/13	0.5	41			50.5	--	47.0
Hefty	H00R6	RR2Y	0.0	9/11	0.5	40			55.7	59.8	50.8
Integra	20062	RR2Y	00.6	9/10	0	38			56.6	--	52.2
Integra	20087	RR2Y	00.8	9/13	0	32			61.8	67.3	60.7
Integra	20097	RR2Y	00.9	9/12	1.8	40			64.3	69.2	58.9
Integra	50069	RRXT	00.6	9/10	1.0	37			56.6	--	52.9
Integra	50098	RRXT	00.9	9/12	1.3	40			59.9	63.4	--
Legacy	LS-00738N RR2X	RRXT	00.7	9/10	0	35			61.1	--	57.8
Legacy	LS-00937 RR2X	RRXT	00.9	9/14	0.9	41			59.6	65.3	56.0
Legacy	LS-0135 RR2	RR2Y	00.9	9/12	1.7	41			65.0	68.1	57.9
Legacy	LS-0214 RR2	RR2Y	0.2	9/15	0.5	39			56.5	64.3	52.2
Legacy	LS-0237N RR2X	RRXT	0.2	9/15	1.7	41			58.3	65.2	54.3
Legacy	LS-00538 RR2X	RRXT	00.5	9/9	0.5	37			55.7	--	51.9

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Legend	LS 005X853	RRXT	00.5	9/10	0	36	Not yet available	56.8	--	--	
Legend	LS 007X756N	RRXT	00.7	9/11	0	37	available	57.9	--	--	
Legend	LS 009X852N	RRXT	00.9	9/12	1.2	38		62.7	--	--	
Mustang	00726	RR2Y	00.7	9/14	0	37		57.1	--	--	
Mustang	02311	RR2Y	0.2	9/17	0	33		55.8	--	53.2	
Mustang	02356	RR2Y	0.2	9/12	0.4	41		61.4	--	56.3	
Mustang	00X698	RRXT	00.6	9/10	0	37		56.2	--	53.0	
NDSU	ND17009GT	GT	00.9	9/11	2	38		52.6	--	51.5	
NorthStar	NS 60053XR2	RRXT	00.5	9/9	0.5	37		57.2	--	54.1	
NorthStar	NS0052R2	RR2Y	00.5	9/10	0.1	37		59.9	61.5	54.9	
NorthStar	NS0072R2	RR2Y	00.7	9/17	0	35		53.5	60.3	51.7	
NorthStar	NS60092XR2	RRXT	00.9	9/12	0	40		59.6	--	--	
NuTech	6502	RR1	00.5	9/9	0	30		56.0	--	55.2	
NuTech	6008R2	RR2Y	00.8	9/14	0.9	40		58.2	57.0	57.6	
Peterson	16R008N	RR2Y	00.8	9/15	0.3	35		53.5	56.5	46.8	
Peterson	16R01	RR2Y	0.1	9/11	1.6	38		56.3	63.1	50.3	
Peterson	17X009	RRXT	00.9	9/13	0.9	41		53.2	61.8	48.4	
Peterson	18X008N	RRXT	00.8	9/11	0.9	38		59.2	--	55.0	
Pioneer	P005A27X	RRXT	00.5	9/8	0.1	30		53.7	--	--	
Pioneer	P007A90R	RR2Y	00.7	9/8	0	36		59.3	--	--	
Pioneer	P008T22R2	RR2Y	00.8	9/13	0.7	40		57.1	61.1	--	
Prairie	PB-00856R2	RR2Y	00.9	9/16	0.5	36		46.8	53.7	46.7	
Prairie	PB-00928R2	RR2Y	00.9	9/16	0.1	34		55.9	--	56.9	
Prairie	PB-0146R2	RR2Y	0.1	9/13	0.8	40		56.5	63.3	50.1	
Proseed	30-07	RR2Y	00.7	9/11	0.1	34		52.4	--	50.9	
Proseed	40-07	RR2Y	00.7	9/9	0.4	40		54.4	58.1	54.1	
Proseed	50-08N	RR2Y	00.8	9/18	0.4	36		60.8	61.7	59.3	
Proseed	70-08 XN	RRXT	00.8	9/16	0.8	38		50.7	--	50.7	
Proseed	XT 60-09	RRXT	00.9	9/12	0.5	41		56.5	63.3	55.4	
REA	R00727	RR2Y	00.7	9/11	0.4	37		62.2	62.6	60.1	
REA	RX00738	RRXT	00.7	9/14	1.2	39		53.2	--	52.4	
REA	RX0228	RRXT	0.2	9/17	0.5	43		54.6	--	53.5	
Syngenta/GH	GH00866	RR2Y	00.8	9/12	0	37		60.7	--	60.5	
Syngenta/NK	S009-J1	RR2Y	00.9	9/11	0	31		61.5	--	64.3	

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Thunder	34006 R2Y	RR2Y	00.6	9/11	0.1	32	Not yet available		57.8	64.6	--
Thunder Seed	SB88005	RR2Y	00.5	9/5	0.1	31			43.8	--	45.3
Thunder Seed	37004 R2Y	RR2Y	00.4	9/11	0.3	37			55.6	--	55.0
Thunder Seed	Astro	RR2Y	00.8	9/14	0	40			54.3	--	
Thunder Seed	SB87009	RRXT	00.9	9/16	0.4	42			53.5	--	52.0
Thunder Seed	SB88007N	RRXT	00.7	9/12	1.2	41			56.9	--	57.5
Wensman	W10042RX	RRXT	00.4	9/11	0.1	37			54.8	--	51.3
Wensman	W10063NRX	RRXT	00.6	9/11	0	37			58.8	63.0	57.7
Wensman	W1011RX	RRXT	0.1	9/18	1.5	41			55.6	--	53.5
Wensman	W30085R2	RR2Y	00.8	9/17	0.6	38			57.6	59.6	57.1
Wensman	W3024R2	RR2Y	0.2	9/17	0.1	34			57.8	63.1	--
Trial Mean				9/12	0.5	37			55.7	--	--
C.V. %				13.2	141	5.6			5.8	--	--
LSD 5%				2.3	0.9	3.0			4.5	--	--
LSD 10%				1.9	0.8	2.5			3.8	--	--

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.

Planting Date: May 17

Harvest Date: October 10