

NDSU Langdon Research Extension Center
2017 Variety Trial

Soybean - Roundup Ready - 2017

Pekin - Nelson County (Page 1-2)

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	01R80	RR2Y	0.1	9/5	1.4	37	Not yet		70.3	--	58.9
Allegiant	02X03	RRXT	0.2	9/9	1.9	39	available		67.9	--	58.3
Allegiant	04X08N	RRXT	0.4	9/12	2.0	34			71.7	--	64.3
Channel	00717R2X	RRXT	00.7	9/5	1.3	33			70.6	--	61.7
Channel	0218R2X	RRXT	0.2	9/7	0.6	37			64.0	--	60.7
Dairyland	DSR-C918/2Y	RR2Y	00.9	9/7	1.4	30			64.9	67.6	59.3
Dairyland	DST00-003/R2Y	RR2Y	0.0	9/7	1.5	32			70.0	--	68.4
Dairyland	DST-0225/R2Y	RR2Y	0.2	9/6	2.4	37			70.2	--	63.6
Dairyland	DSR-0305/R2Y	RR2Y	0.3	9/10	1.2	33			70.2	72.4	61.6
Dairyland	DSR-0404/R2Y	RR2Y	0.4	9/11	1.2	32			70.8	68.8	64.8
Dairyland	DSR-0418/R2Y	RR2Y	0.4	9/13	0.9	32			66.7	--	61.9
Dyna-Gro	S01RY86	RR2Y	0.1	9/4	1.3	37			70.7	71.8	61.9
Dyna-Gro	S03RY36	RR2Y	0.3	9/9	1.6	33			72.0	72.3	66.8
Dyna-Gro	S04XT77	RRXT	0.4	9/10	1.7	33			69.9	73.1	66.2
Hefty	H02R3	RR2Y	0.2	9/11	1.6	35			73.0	73.1	64.6
Hefty	H02X7	RRXT	0.2	9/10	2.7	40			68.8	70.3	59.0
Hefty	H03X7	RRXT	0.3	9/11	1.4	33			69.8	68.7	63.6
Hefty	H03X8	RRXT	0.3	9/12	1.6	38			67.2	--	57.8
Integra	20087	RR2Y	00.8	9/6	1.2	29			69.7	69.2	64.2
Integra	20097	RR2Y	00.9	9/5	2.8	37			71.5	70.7	62.4
Integra	20126	RR2Y	0.1	9/10	1.3	38			71.3	72.2	--
Integra	50069	RRXT	00.6	9/3	1.0	33			66.0	--	--
Legacy	LS-0135 RR2	RR2Y	00.9	9/6	2.4	39			73.1	71.5	64.5
Legacy	LS-0214 RR2	RR2Y	0.2	9/8	1.8	35			73.0	71.1	65.3
Legacy	LS-0237N RR2X	RRXT	0.2	9/12	2.0	37			71.8	72.7	63.6
Legacy	LS-0334 RR2	RR2Y	0.3	9/14	1.4	36			69.7	75.1	65.5
Legacy	LS 0337N RR2X	RRXT	0.3	9/11	1.4	32			72.9	71.3	67.0
Legacy	LS-0438N RR2X	RRXT	0.4	9/13	1.2	33			70.2	--	65.8
NDSU	ND17009GT	GT	00.9	9/5	1.7	37			60.1	--	54.0
NorthStar	NS 0111R2	RR2Y	0.1	9/6	2.4	35			67.0	68.4	60.4
NorthStar	NS 60393NXR2	RRXT	0.3	9/12	0.5	36			66.2	--	--
NorthStar	NS 60442NXR2	RRXT	0.4	9/10	0.6	32			67.5	--	--
NorthStar	NS 60092XR2	RRXT	00.9	9/6	1.4	38			71.5	--	63.4
NuTech	6048	RR1	0.4	9/9	1.3	38			64.4	--	--
Peterson	16R01	RR2Y	0.1	9/5	2.0	39			73.4	72.6	61.5
Peterson	17X04N	RRXT	0.4	9/9	0.5	33			69.1	--	--
Prairie	PB-00928R2	RR2Y	00.9	9/8	0.8	32			69.7	--	64.5
Prairie	PB-0146R2	RR2Y	0.1	9/4	1.7	37			70.1	71.7	60.4
Prairie	PB-0397R2	RR2Y	0.3	9/11	1.4	34			68.6	68.8	62.8

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									2017	2 yr Avg.	2-site Avg. ⁴
Proseed	30-20	RR2Y	0.2	9/9	1.2	35	Not yet available	69.2	71.4	61.5	
Proseed	20-30	RR2Y	0.3	9/12	1.0	33		68.3	--	--	
Proseed	XT 604	RRXT	0.4	9/10	1.3	32	68.1	71.6	--		
Proseed	50-60N	RR2Y	00.6	9/12	0.3	32	69.2	--	--		
REA	RX0228	RRXT	0.2	9/8	1.4	39	66.7	--	61.0		
REA	RX0327	RRXT	0.3	9/10	0.9	26	66.9	--	63.8		
Stine	03RD66	RR2Y	0.3	9/12	0.5	33	71.1	--	--		
Syngenta/GH	GH0391	RR2Y	0.3	9/12	1.9	32	70.5	--	62.7		
Syngenta/NK	S03-S6X	RRXT	0.3	9/6	1.7	33	68.9	--	59.5		
Thunder	SB88007N	RRXT	00.7	9/5	1.7	36	67.4	--	60.8		
Thunder	36008 R2Y	RR2Y	00.8	9/9	1.4	33	65.2	59.0	59.3		
Thunder	SB87009	RRXT	00.9	9/10	1.8	39	65.2	--	60.0		
Thunder	3503 R2Y	RR2Y	0.3	9/11	1.4	32	69.5	72.7	62.1		
Thunder	SB8703	RRXT	0.4	9/11	1.4	39	67.1	--	61.3		
Thunder	3601 R2Y	RRXT	0.1	9/7	2.8	38	71.0	72.0	62.9		
Wensman	W10063NRX	RRXT	00.6	9/5	0.7	32	71.2	--	62.5		
Wensman	W1011RX	RRXT	0.1	9/10	1.5	36	65.5	--	61.5		
Wensman	W1039NRX	RRXT	0.3	9/12	1.2	37	68.4	--	62.1		
Wensman	W1048NRX	RRXT	0.4	9/10	1.6	33	71.0	--	--		
Trial Mean				9/8	1.4	35		68.6	--	--	
C.V. %				16.6	57.7	8.2		5.4	--	--	
LSD 5%				1.9	1.1	4.0		5.2	--	--	
LSD 10%				1.6	0.9	3.3		4.4	--	--	

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 southern region, Walsh County (Park River) and Nelson County (Pekin).

Yield, oil and protein reported at 13% moisture.

Planting Date: May 24

Harvest Date: October 5