

NDSU Langdon Research Extension Center
2018 Variety Trial

Soybean - Roundup Ready - 2018

Pekin - Nelson County (Page 1-2)

Brand	Variety	Herb. Trait ¹	Maturity Group ²	Maturity date ³	Plant Height in	Protein %	Oil %	Yield		
								2018	2 yr Avg.	2-site Avg. ⁴
Allegiant	005X17	RR2XT	00.5	8/28	30	32.6	16.8	42.6	--	47.3
Allegiant	008X30N	RR2XT	00.8	9/2	29	32.1	16.0	49.3	--	51.0
Allegiant	009X08	RR2XT	00.9	9/3	33	31.5	17.3	53.6	--	56.7
Allegiant	01R80	RR2Y	0.1	9/3	34	33.3	16.0	51.0	60.6	52.4
Allegiant	02X03	RR2XT	0.2	9/4	36	32.9	17.5	49.1	--	55.2
Allegiant	03X21N	RR2XT	0.3	9/6	33	33.6	16.5	53.6	--	58.7
Channel	00717R2X	RR2XT	00.7	9/1	28	32.1	16.7	47.8	59.2	53.3
Channel	0218R2X	RR2XT	0.2	9/4	32	32.5	16.4	45.8	54.9	48.1
Dairyland	DSR-0200/R2Y	RR2Y	0.2	9/1	33	33.2	16.4	45.8	--	48.7
Dairyland	DSR-0225/R2Y	RR2Y	0.2	9/2	34	32.6	17.6	53.3	61.8	56.3
Dairyland	DSR-0305/R2Y	RR2Y	0.3	9/6	32	33.1	16.7	55.8	63.0	55.6
Dairyland	DSR-0397/R2Y	RR2Y	0.3	9/7	34	34.4	15.5	54.9	61.7	55.1
Dairyland	DSR-0404/R2Y	RR2Y	0.4	9/9	31	33.4	16.1	52.4	61.6	54.7
Dairyland	DSR-0418/R2Y	RR2Y	0.4	9/9	32	33.6	16.0	53.0	59.9	54.6
Dairyland	DSR-C999/R2Y	RR2Y	00.9	9/5	30	32.7	16.8	53.0	--	56.8
Dairyland	DSR-0450R	RR1	0.4	9/5	32	34.4	16.1	47.5	55.9	--
Dairyland	DSR-0509R	RR1	0.5	9/11	31	33.2	16.6	47.7	--	51.1
Dyna-Gro	S009XT68	RR2XT	00.9	9/3	33	32.7	16.0	52.5	--	52.2
Dyna-Gro	S03XT29	RR2XT	0.3	9/5	31	33.3	15.7	51.2	--	51.6
Dyna-Gro	S04XT77	RR2XT	0.4	9/7	30	33.6	16.5	53.3	61.6	55.8
Golden H.	GH0339X	RR2XT	0.3	9/4	32	32.8	16.3	56.3	--	55.2
Golden H.	GH0391	RR2Y	0.3	9/3	29	33.8	16.1	49.4	59.9	53.7
Hefty	H02R3	RR2Y	0.2	9/14	31	33.7	15.4	44.9	58.9	40.8
Hefty	H03X8	RR2XT	0.3	9/8	32	33.0	15.8	46.6	56.9	52.6
Hefty	H04X8	RR2XT	0.4	9/12	29	34.3	16.3	51.2	--	52.4
Integra	20097	RR2Y	00.9	9/2	32	33.2	17.4	51.2	61.4	54.9
Integra	20126	RR2Y	0.1	9/3	31	34.0	16.7	49.9	60.6	55.1
Integra	20468	RR2Y	0.2	9/8	34	33.9	15.9	52.4	--	54.3
Integra	50098	RR2XT	00.9	8/30	26	32.9	16.3	43.0	--	47.7
Integra	50309N	RR2XT	0.3	9/6	32	32.9	15.7	55.2	--	56.2
Legacy	LS-0135 RR2	RR2Y	00.9	9/3	33	32.3	17.5	50.1	61.6	56.8
Legacy	LS-0237 RR2X	RR2XT	0.2	9/4	36	32.8	17.1	52.2	62.0	54.6
Legacy	LS-0239 RR2X	RR2XT	0.2	9/6	30	32.2	15.9	52.5	--	54.3
Legacy	LS-0334 RR2	RR2	0.3	9/10	31	34.4	15.8	57.4	63.6	55.7
Legacy	LS-0337N RR2X	RR2XT	0.3	9/7	31	33.9	16.0	56.0	64.4	55.5
Legacy	LS-0438N RR2X	RR2XT	0.4	9/9	30	34.4	16.3	53.6	61.9	54.3
Legend	LS 009X852N	RR2XT	00.9	9/2	30	31.7	17.3	47.2	--	--
Legend	LS 01X850	RR2XT	0.1	9/3	33	33.2	16.0	50.5	--	--
Legend	LS 02R21	RR2Y	0.2	9/2	34	33.5	16.5	51.2	--	--

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

Soybean - Roundup Ready - 2018

Pekin - Nelson County (Page 2-2)

Brand	Variety	Herb. Trait ¹	Maturity Group ²	Maturity date ³	Plant Height in	Protein %	Oil %	Yield		
								2018	2 yr Avg.	2-site Avg. ⁴
LG Seeds	LGS00663RX	RR2XT	00.6	9/2	27	32.5	16.2	42.5	--	51.9
LG Seeds	LGS00899RX	RR2XT	00.8	9/3	31	31.5	17.2	48.5	--	54.4
LG Seeds	LGS0111RX	RR2XT	0.1	9/6	32	33.3	16.4	50.2	--	52.5
LG Seeds	LGS0355RX	RR2XT	0.3	9/8	32	32.5	15.7	50.3	--	48.7
LG Seeds	LGS0400RX	RR2XT	0.4	9/8	32	32.7	16.1	55.1	--	54.2
NDSU	ND17009GT	GT	00.9	9/2	33	35.7	16.2	45.2	52.7	50.1
NDSU	ND18008GT	GT	00.8	8/28	28	33.4	17.2	35.7	--	42.6
NorthStar	NS 60092XR2	RR2XT	00.9	8/31	29	32.3	16.7	45.0	58.3	--
NorthStar	NS 60264NXR2	RR2XT	0.2	9/6	33	32.3	16.0	54.4	--	56.4
NorthStar	NS 60442NXR2	RR2XT	0.3	9/6	30	33.8	16.3	54.1	60.8	57.2
Peterson	16R01	RR2Y	0.1	9/3	34	33.0	17.4	52.0	62.7	52.4
Peterson	17X04N	RR2XT	0.4	9/6	29	34.0	16.2	54.5	61.8	--
Prairie	PB-00928R2	RR2Y	0.1	9/5	30	32.5	16.8	55.4	62.6	59.1
Prairie	PB-0146R2	RR2Y	0.1	9/1	32	32.7	17.2	51.8	61.0	55.9
Proseed	50-08	RR2Y	00.8	9/7	32	34.6	15.8	46.0	--	49.5
Proseed	XT 60-09	RR2XT	00.9	9/3	33	33.0	16.2	50.9	--	52.6
Proseed	XT 70-09	RR2XT	00.4	9/1	31	31.7	17.0	46.8	--	51.7
Proseed	XT 80-20	RR2XT	0.2	9/6	31	32.7	15.9	50.6	--	52.4
REA	RX0228	RR2XT	0.2	9/4	34	32.9	16.5	42.9	54.8	49.9
Thunder	3503 R2Y	RR2Y	0.3	9/7	29	35.7	15.3	52.1	60.8	53.1
Thunder	3601 R2Y	RR2Y	0.1	9/3	34	32.6	17.7	51.2	61.1	53.0
Thunder	SB87009	RR2XT	00.9	9/3	35	33.7	15.6	55.6	60.4	52.9
Thunder	SB8903N	RR2XT	0.3	9/6	31	32.2	16.1	55.2	--	55.5
Trial Mean				9/4	31	33.1	16.4	50.4	--	--
C.V. %				1.4	6.5	1.4	1.7	9.3	--	--
LSD 5%				2.1	2.9	0.9	0.6	6.6	--	--
LSD 10%				1.8	2.4	0.8	0.5	5.5	--	--

¹Herbicide Trait - RR2XT=RR2Xtend,GT=Glyphosate Tolerant

²Maturity Group provided by company

³Date of physiological maturity at 95% brown pod.

⁴A 2-site average of our southern region, Walsh County (Park River) and Nelson County (Pekin).

No lodging in trial.

Yield, oil and protein reported at 13% moisture.

Planting Date: May 22

Harvest Date: October 22