

**NDSU Langdon Research Extension Center
2019 Variety Trial**

Soybean - Roundup Ready - 2019 **Pekin - Nelson County (Page 1-2)**

Brand	Variety	Herb. Trait ¹	Maturity Group ²	Maturity date ³	Plant Height in	Lodging 0-9	Protein %	Oil %	Yield		
									2019	2-yr Avg.	2-site Avg. ⁴
Allegiant	01E23	E3	0.1	9/16	33	2.7	33.3	14.9	38.4	--	--
Allegiant	02X21N	RR2XT	0.1	9/16	34	2.4	33.1	14.2	51.2	--	--
Allegiant	04X08N	RR2XT	0.2	9/22	35	0.8	34.2	15.1	57.0	--	--
Dahlman	1003E3	E3	0.3	9/22	28	0.0	33.4	14.5	44.4	--	34.8
Dahlman	6903XN	RR2XT	0.3	9/16	34	1.0	32.1	15.3	51.7	--	44.9
Dairyland	DSR-0200/R2Y	RR2Y	0.2	9/12	37	1.8	33.8	14.9	49.6	47.7	40.5
Dairyland	DSR-C999/R2Y	RR2Y	00.9	9/17	33	0.0	32.2	14.9	47.7	50.4	41.1
Dyna-Gro	S009XT68	RR2XT	00.9	9/12	37	1.3	33.5	13.9	53.3	52.9	41.4
Dyna-Gro	S03XT29	RR2XT	0.3	9/16	36	1.2	33.2	13.8	53.3	52.3	45.1
Dyna-Gro	S04XT77	RR2XT	0.4	9/19	31	0.2	33.5	15.1	53.5	53.4	41.8
Golden H.	GH0145X	RR2XT	0.1	9/14	35	1.1	32.6	14.5	52.4	--	42.1
Golden H.	GH0308X	RR2XT	0.3	9/16	31	0.3	33.2	14.1	51.4	--	42.8
Hefty	H008X8	RR2XT	00.8	9/10	34	1.4	32.2	15.5	44.1	--	37.5
Hefty	H02X9	RR2XT	0.2	9/17	35	1.2	32.6	14.2	56.7	--	45.3
Hefty	H03X8	RR2XT	0.3	9/20	36	0.0	32.5	14.2	52.9	49.8	41.5
Hefty	H03E9	E3	0.3	9/23	31	0.0	33.7	14.2	49.6	--	36.5
Integra	40209	E3	0.2	9/16	29	2.5	33.3	15.0	40.3	--	35.7
Integra	50001	RR2XT	0.0	9/19	31	0.0	33.7	14.7	45.4	--	37.9
Integra	50309N	RR2XT	0.3	9/17	34	1.3	32.9	14.7	49.1	52.2	42.1
Legacy	LS-0239N RR2X	RR2XT	0.2	9/15	34	1.2	32.1	14.6	58.0	55.3	48.0
Legacy	LS-0337N RR2X	RR2XT	0.3	9/19	33	0.0	33.9	15.1	55.4	55.7	44.4
Legacy	LS-0429 E3	E3	0.4	9/20	35	0.6	34.1	14.8	50.7	--	42.7
Legacy	LS-0438RR2X	RR2XT	0.4	9/22	33	0.1	34.3	15.1	56.3	55.0	45.1
LG Seeds	LGS00663RX	RR2XT	00.6	9/10	29	1.2	31.2	15.8	44.7	43.6	35.0
LG Seeds	LGS00899RX	RR2XT	00.8	9/9	32	0.6	32.2	16.1	50.8	49.7	39.8
LG Seeds	LGS0111RX	RR2XT	0.1	9/16	34	0.6	34.4	15.2	51.8	51.0	43.7
LG Seeds	LGS0355RX	RR2XT	0.3	9/17	35	0.6	33.2	14.1	55.4	52.9	46.2
LG Seeds	LGS0400RX	RR2XT	0.4	9/21	35	0.1	32.8	14.7	52.5	53.8	45.9
NDSU	ND17009GT	GT	00.9	9/10	34	0.1	35.9	15.4	45.0	45.1	35.6
NDSU	ND18008GT	GT	00.8	9/9	31	0.6	33.0	15.9	35.6	35.7	27.8
Syng NK	S01-C4X	RR2XT	0.1	9/14	34	0.1	32.0	14.6	51.9	--	42.1
Syng NK	S02-F9X	RR2XT	0.2	9/16	31	0.0	31.3	15.7	51.4	--	41.7
Syng NK	S03-E3	E3	0.2	9/16	31	1.7	32.3	14.7	49.3	--	--
Syng NK	S03-S6X	RR2XT	0.3	9/16	33	0.9	32.4	14.7	51.8	--	40.0
Syng NK	S05-N5X	RR2XT	0.5	9/22	31	0.0	32.7	14.6	60.1	--	--
Peterson	20EN02	E3	0.2	9/17	30	2.0	34.0	14.6	42.5	--	37.2
Peterson	20EN03	E3	0.3	9/19	32	1.2	31.4	14.8	44.5	--	36.7

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									2019	2-yr Avg.	2-site Avg. ⁴
Proseed	50-10	RR2Y	0.1	9/10	39	2.1	32.8	16.1	53.5	--	44.0
Proseed	BX 80-35	LLGT27	0.3	9/22	31	0.1	36.3	14.0	58.9	--	48.4
Proseed	XT 60-40	RR2XT	0.4	9/20	33	0.0	33.8	15.3	54.3	--	42.8
Proseed	XT 60-09	RR2XT	00.9	9/11	36	0.6	33.1	14.6	54.2	52.6	44.4
Proseed	XT 80-20N	RR2XT	0.2	9/16	31	2.1	33.0	14.1	48.9	49.8	42.4
REA	RX00810	RR2XT	00.8	9/7	29	0.1	32.2	15.3	39.4	--	32.5
REA	RX0228	RR2XT	0.2	9/16	39	0.2	33.6	14.7	47.6	45.3	37.8
REA	RX0330	RR2XT	0.3	9/22	33	0.2	32.8	14.6	46.8	--	39.0
Thunder	SB8001	RR2XT	0.1	9/17	30	0.5	33.3	15.3	45.5	--	37.9
Thunder	SB8903N	RR2XT	0.3	9/16	36	1.8	32.2	14.1	54.4	54.8	45.1
Thunder	3601 R2Y	RR2Y	0.1	9/13	36	1.7	32.1	16.0	52.6	51.9	42.5
Thunder	TE7003	E3	0.3	9/18	33	2.4	32.8	14.7	48.0	--	39.5
Thunder	TE7902	E3	0.2	9/18	32	1.3	33.4	14.2	42.2	--	35.7
Trial Mean				9/16	33	0.8	--	--	50.1	--	--
C.V. %				1.3	8.7	112	--	--	6.2	--	--
LSD 5%				2.1	4.0	1.2	--	--	4.3	--	--
LSD 10%				1.8	3.3	1.0	--	--	3.7	--	--

¹Herbicide Trait - RRXT=RR2Xtend,GT=Glyphosate Tolerant, E3=Enlist. LLGT27=Liberty Link GT27.

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 23

Harvest Date: October 31