

NDSU Langdon Research Extension Center
2019 Variety Trial

Soybean - Roundup Ready - 2019 **Park River - Walsh County (Page 1-2)**

Brand	Variety	Herb. Trait ¹	Maturity Group ²	Maturity date ³	Plant Height	Yield			
						2018	2019	2-yr Avg.	2-site Avg. ⁴
Dahlman	1003E3	E3	0.3	9/19	16	--	25.2	--	34.8
Dahlman	6903XN	RR2XT	0.3	9/14	20	--	38.0	--	44.9
Dairyland	DSR-0200/R2Y	RR2Y	0.2	9/6	21	51.5	31.3	41.4	40.5
Dairyland	DSR-C999/R2Y	RR2Y	00.9	9/11	20	60.6	34.5	47.6	41.1
Dyna-Gro	S009XT68	RR2XT	00.9	9/7	20	51.8	29.4	40.6	41.4
Dyna-Gro	S03XT29	RR2XT	0.3	9/13	21	51.9	36.9	44.4	45.1
Dyna-Gro	S04XT77	RR2XT	0.4	9/15	17	58.3	30.0	44.2	41.8
Golden H.	GH0145X	RR2XT	0.1	9/9	19	--	31.7	--	42.1
Golden H.	GH0308X	RR2XT	0.3	9/14	18	--	34.2	--	42.8
Hefty	H008X8	RR2XT	00.8	9/4	22	--	30.9	--	37.5
Hefty	H02X9	RR2XT	0.2	9/12	20	--	33.8	--	45.3
Hefty	H03X8	RR2XT	0.3	9/16	21	58.5	30.0	44.3	41.5
Hefty	H03E9	E3	0.3	9/18	17	--	23.3	--	36.5
Integra	40209	E3	0.2	9/14	17	--	31.0	--	35.7
Integra	50001	RR2XT	0.0	9/12	18	--	30.4	--	37.9
Integra	50309N	RR2XT	0.3	9/13	20	57.2	35.0	46.1	42.1
Legacy	LS-0239N RR2X	RR2XT	0.2	9/13	21	56.0	38.0	47.0	48.0
Legacy	LS-0337N RR2X	RR2XT	0.3	9/15	20	54.9	33.3	44.1	44.4
Legacy	LS-0429 E3	E3	0.4	9/14	20	55.0	34.7	44.9	42.7
Legacy	LS-0438 RR2X	RR2XT	0.4	9/15	20	--	33.8	--	45.1
LG Seeds	LGS00663RX	RR2XT	00.6	9/5	18	61.3	25.3	43.3	35.0
LG Seeds	LGS00899RX	RR2XT	00.8	9/6	20	60.2	28.7	44.5	39.8
LG Seeds	LGS0111RX	RR2XT	0.1	9/14	22	54.7	35.5	45.1	43.7
LG Seeds	LGS0355RX	RR2XT	0.3	9/13	21	47.0	36.9	42.0	46.2
LG Seeds	LGS0400RX	RR2XT	0.4	9/16	23	53.2	39.3	46.3	45.9
NDSU	ND17009GT	GT	00.9	9/10	20	55.0	26.2	40.6	35.6
NDSU	ND18008GT	GT	00.8	9/4	16	49.4	20.0	34.7	27.8
Syng NK	S01-C4X	RR2XT	0.1	9/9	21	61.7	32.2	47.0	42.1
Syng NK	S02-E3	E3	0.2	9/14	17	--	28.5	--	--
Syng NK	S02-F9X	RR2XT	0.2	9/7	18	--	32.0	--	41.7
Syng NK	S03-G9	RR2Y	0.3	9/14	19	57.8	35.5	46.7	--
Syng NK	S03-S6X	RR2XT	0.3	9/10	21	--	28.2	--	40.0
NorthStar	NS 60264NXR2	RR2XT	0.2	9/12	20	58.3	36.9	47.6	--
NorthStar	NS 90094E3	E3	00.9	9/15	19	--	28.5	--	--
NorthStar	NS 90214E3	E3	0.1	9/14	18	--	28.4	--	--
NorthStar	NS 90334E3	E3	0.3	9/16	19	--	30.4	--	--

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						2018	2019	2-yr Avg.	2-site Avg. ⁴
Peterson	18X008	RR2XT	00.8	9/6	22	51.4	29.5	40.5	--
Peterson	19EN008	E3	00.8	9/11	21	--	30.3	--	--
Peterson	20EN02	E3	0.2	9/16	17	--	31.8	--	37.2
Peterson	20EN03	E3	0.3	9/16	20	--	28.8	--	36.7
Pioneer	P00A49X	RR2XT	0.0	9/9	19	--	31.1	--	--
Pioneer	P01A84X	RR2XT	0.1	9/11	22	--	32.1	--	--
Pioneer	P03A17X	RR2XT	0.2	9/15	20	--	35.6	--	--
Proseed	50-10	RR2Y	0.1	9/6	22	--	34.5	--	44.0
Proseed	BX 80-35	LLGT27	0.3	9/16	19	--	37.9	--	48.4
Proseed	XT 60-40	RR2XT	0.4	9/15	20	--	31.3	--	42.8
Proseed	XT 60-09	RR2XT	00.9	9/6	24	54.3	34.6	44.5	44.4
Proseed	XT 80-20N	RR2XT	0.2	9/13	20	54.1	35.8	45.0	42.4
REA	RX00810	RR2XT	00.8	9/4	17	--	25.6	--	32.5
REA	RX0228	RR2XT	0.2	9/7	21	56.9	28.0	42.5	37.8
REA	RX0330	RR2XT	0.3	9/16	19	--	31.2	--	39.0
Thunder	SB8001	RR2XT	0.1	9/9	18	--	30.2	--	37.9
Thunder	SB87009	RR2XT	00.9	9/7	20	50.2	31.0	40.6	--
Thunder	SB8903N	RR2XT	0.3	9/12	20	55.8	35.7	45.8	45.1
Thunder	3601 R2Y	RR2Y	0.1	9/7	23	54.7	32.4	43.6	42.5
Thunder	TE7003	E3	0.3	9/15	18	--	30.9	--	39.5
Thunder	TE7902	E3	0.2	9/15	19	--	29.1	--	35.7
Trial Mean				9/11	19	55.5	31.6	--	--
C.V. %				1.3	10.7	13.1	9.4	--	--
LSD 5%				2.0	2.9	10.2	4.2	--	--
LSD 10%				1.7	2.4	8.5	3.5	--	--

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

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).

Yield at 13% moisture.

Planting Date: May 21

Harvest Date: November 7