

NDSU Langdon Research Extension Center
2021 Variety Trial

Soybean - RR2X, RR2XF, Enlist E3, GT **Park River - Walsh County (Page 1-2)**

Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Plant Height in	Protein %	Oil %	Yield		
								2021	2-yr Avg.	2-site Avg. ³
BioGene	BG8000	RR2X	00.9	9/3	17	30.2	19.1	27.1	46.7	--
BioGene	BG8006	RR2X	00.6	8/31	18	31.1	18.3	23.5	--	--
BioGene	BG9021E3	Enlist E3	0.2	9/9	17	31.7	17.4	26.0	--	--
Dahlman	6004XN	RR2X	0.4	9/15	19	32.8	17.4	32.8	52.9	45.2
Dahlman	7203XF	RR2XF	0.3	9/7	22	32.5	17.7	30.6	--	42.7
Dyna-Gro	S02EN71	Enlist E3	0.2	9/14	16	33.0	17.3	24.5	51.2	37.0
Dyna-Gro	S04XF32	RR2XF	0.4	9/13	22	32.4	17.5	34.7	--	44.3
Dyna-Gro	S04XT91	RR2X	0.4	9/14	18	31.9	17.7	33.4	53.2	44.2
Golden H.	GH0272XF	RR2XF	0.2	9/9	19	32.2	18.2	30.1	--	37.2
Golden H.	GH0325E3	Enlist E3	0.3	9/9	19	31.1	17.9	31.2	53.5	38.3
Golden H.	GH0452E3	Enlist E3	0.4	9/13	19	34.3	17.3	26.3	--	40.1
Innvictis	A0338X	RR2X	0.3	9/8	18	32.0	16.9	32.2	--	43.5
Innvictis	B0330E	Enlist E3	0.3	9/14	18	32.6	17.9	26.1	--	37.7
Integra	40201N	Enlist E3	0.2	9/14	18	32.5	17.8	28.8	51.2	41.3
Integra	40300N	Enlist E3	0.3	9/9	19	32.1	17.4	27.9	--	40.3
Integra	50309N	RR2X	0.3	9/9	18	32.9	16.4	30.2	49.9	43.6
Legacy	LS-00930 RR2X	RR2X	00.9	9/7	16	33.4	17.7	22.5	--	35.0
Legacy	LS012-21E	Enlist E3	0.1	9/9	20	32.8	17.4	37.2	--	46.1
Legacy	LS-0239N RR2X	RR2X	0.2	9/10	18	30.6	17.6	23.3	48.4	39.4
Legacy	LS-0320E	Enlist E3	0.4	9/14	20	32.3	17.4	29.7	52.2	38.2
Legacy	LS042-21E	Enlist E3	0.4	9/13	19	33.0	17.3	28.8	--	40.9
Legacy	LS-0429	Enlist E3	0.4	9/15	20	34.1	17.4	26.6	--	38.2
LG Seeds	LGS00663RX	RR2X	00.6	9/1	17	31.5	17.9	24.4	47.8	34.1
LG Seeds	LGS00838XF	RR2XF	00.8	9/6	20	33.3	17.5	23.3	--	34.5
LG Seeds	LGS0111RX	RR2X	0.1	9/9	22	33.4	17.7	28.0	49.2	41.8
LG Seeds	LGS0355RX	RR2X	0.3	9/10	18	31.5	17.7	29.7	46.5	41.8
LG Seeds	LGS0400RX	RR2X	0.4	9/13	21	30.9	17.7	33.3	55.1	47.5
NDSU	21ND008GT20	GT	00.8	8/31	17	32.1	17.8	18.5	--	28.5
NDSU	ND17009GT	GT	00.9	9/5	18	33.2	18.2	23.6	44.5	34.4
Peterson	22XF03	RR2XF	0.3	9/7	21	32.0	18.1	29.1	--	40.9
Pioneer	P00A49X	RR2X	0.0	9/5	20	32.3	18.4	27.5	--	--
Pioneer	P01A84X	RR2X	0.1	9/10	19	32.5	17.8	27.2	48.5	--
Pioneer	P01T92E	Enlist E3	0.1	9/7	17	31.0	18.6	22.6	--	--
Pioneer	P03A17X	RR2X	0.2	9/10	19	31.4	18.5	29.7	48.4	--
Pioneer	P03A26X	RR2X	0.3	9/11	21	32.3	17.4	28.5	49.0	--
Pioneer	P03T87E	Enlist E3	0.3	9/16	18	34.0	17.1	28.1	--	--

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Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Plant Height	Protein %	Oil %	Yield		
								2021	2-yr Avg.	2-site Avg. ³
Proseed	EL90-33N	Enlist E3	0.3	9/8	18	31.6	17.3	27.8	--	--
Proseed	XT20-07	RR2X	00.7	8/31	18	30.3	18.6	20.6	46.1	--
Proseed	XT20-40	RR2X	0.4	9/14	18	33.0	17.2	29.3	--	--
Proseed	XT80-20N	RR2X	0.2	9/9	18	32.4	16.8	29.7	--	--
REA	R0112XF	RR2XF	0.1	9/7	23	31.4	18.5	28.4	--	40.8
REA	RX00912	RR2X	00.9	9/3	18	30.3	18.5	24.7	--	32.1
REA	RX0411	RR2X	0.4	9/13	22	30.7	18.0	32.8	54.7	43.0
Stine	002EE06	Enlist E3	00.6	8/28	16	32.8	17.6	7.0	--	18.2
Stine	01EA63	Enlist E3	0.0	9/10	18	32.9	17.1	25.0	--	35.5
Stine	01EE03	Enlist E3	0.1	9/12	20	32.4	17.9	28.2	--	40.6
Stine	03EB02	Enlist E3	0.2	9/10	17	30.9	17.6	27.2	--	40.4
Syng NK	NK009-T1XF	RR2XF	00.9	9/6	19	32.4	18.4	25.0	--	38.2
Syng NK	NK04-G8E3	Enlist E3	0.4	9/14	18	35.0	17.1	24.7	--	--
Syng NK	S008-E3	Enlist E3	008	9/3	20	31.6	18.0	25.6	--	--
Syng NK	S01-C4X	RR2X	0.1	9/8	19	32.7	17.3	27.0	49.5	38.5
Syng NK	S04-Q7X	RR2X	0.4	9/15	19	34.9	16.9	31.6	--	43.5
Thunder	SB8001	RR2X	0.1	9/8	17	33.4	17.6	24.6	52.4	36.9
Thunder	SB8104N	RR2X	0.4	9/14	18	31.5	17.1	30.2	53.3	43.0
Thunder	SB87009	RR2X	00.9	9/4	19	32.7	17.2	25.1	--	36.7
Thunder	SB8903N	RR2X	0.3	9/8	19	31.1	17.2	31.5	48.7	44.5
Thunder	TX82008N	RR2XF	00.8	9/6	19	32.4	18.2	23.6	--	35.1
Trial Mean				115	19	32.3	17.7	27.3	--	--
C.V. %				1.1	7.6	--	--	9.5	--	--
LSD 5%				1.1	1.2	--	--	2.2	--	--
LSD 10%				0.9	1.0	--	--	1.9	--	--

¹Maturity Group provided by company

²Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color)

³A 2-site average of our southern region, Walsh County (Park River) and Nelson County (Pekin).

Yield at 13% moisture.

Planting Date: May 17

Harvest Date: September 29

Previous Crop: Wheat

Soil Type: Overly silty clay