

**NDSU Langdon Research Extension Center**  
**2023 Variety Trial**

**Soybean - RR2XF, Enlist and GT - 2023**

**Park River - Walsh County (Page 1-2)**

Brand	Variety	Herb. Trait	Maturity Group <sup>1</sup>	Maturity date <sup>2</sup>	Plant Height	Oil %	Protein %	Yield		
								2023	2-yr Avg.	2-site Avg. <sup>3</sup>
Dahlman	7304XF	RR2XF	0.4	8/31	22	17.3	32.6	40.7	61.1	47.7
Dairyland	DSR-0220E	Enlist E3	0.2	9/16	21	17.2	32.3	36.1	--	--
Dairyland	DSR-C801E	Enlist E3	00.8	9/3	17	17.8	31.6	27.1	--	--
Dyna-Gro	S01XF43	RR2XF	0.1	9/7	26	17.1	31.4	38.3	57.5	45.1
Dyna-Gro	S03EN94	Enlist E3	0.3	9/19	21	17.5	31.1	39.5	--	44.4
Golden Harvest	GH0234E3	Enlist E3	0.2	9/13	23	16.5	32.4	40.3	--	46.2
Golden Harvest	GH0363E3	Enlist E3	0.3	9/14	23	16.9	31.7	43.6	64.7	49.4
Golden Harvest	GH0384XF	RR2XF	0.3	9/18	25	17.2	32.7	39.2	--	47.9
Integra	E0113	Enlist E3	0.1	9/10	21	16.7	33.3	35.5	57.0	46.2
Integra	XF04093	RR2XF	0.4	9/13	23	17.3	31.7	38.0	--	44.9
Integra	E0324	Enlist E3	0.3	9/20	21	17.3	31.4	35.6	--	41.3
Latham	L 00725 XF	RR2XF	00.7	8/31	23	17.3	31.0	35.4	--	--
Latham	L 0114 XF	RR2XF	0.1	9/10	25	16.9	31.3	39.5	--	--
Latham	L 0254 XF	RR2XF	0.2	9/13	28	17.6	31.7	42.6	--	--
Latham	L 0235 E3	Enlist E3	0.2	9/19	22	17.2	31.6	38.4	--	--
Latham	L 0133 E3	Enlist E3	0.1	9/17	21	16.8	32.7	40.0	--	--
Legacy	LS0098-23 XF	RR2XF	00.9	9/5	24	17.6	31.6	33.4	--	46.6
Legacy	LS012-23 E	Enlist E3	0.1	9/17	23	16.6	32.8	41.2	--	48.4
Legacy	LS014-23 XF	RR2XF	0.1	9/8	26	16.9	30.7	39.7	--	46.6
Legacy	LS024-23 XF	RR2XF	0.2	9/12	21	17.6	32.9	35.9	--	41.8
Legacy	LS032-23E	Enlist E3	0.3	9/19	24	17.1	32.0	40.0	--	46.4
Legacy	LS044-23 XF	RR2XF	0.4	9/19	22	17.5	32.1	40.0	--	47.5
LG Seeds	LGS00901E3	Enlist E3	00.9	9/12	22	17.2	32.7	38.4	--	--
LG Seeds	LGS0125XF	RR2XF	0.1	9/9	24	17.6	31.0	37.6	--	46.4
LG Seeds	LGS0139XF	RR2XF	0.1	9/7	27	16.8	31.2	37.8	--	46.0
LG Seeds	LGS0444XF	RR2XF	0.4	9/20	23	17.1	31.8	41.4	--	48.2
NDSU	ND17009GT	GT	00.9	9/2	26	17.5	34.1	35.4	52.5	40.4
NDSU	ND21008GT20	GT	00.8	8/31	25	17.1	32.2	36.8	54.7	40.6
NK Seeds	NK009-G7E3	Enlist E3	00.9	9/9	22	16.4	34.0	36.9	59.9	45.9
NK Seeds	NK009-T1XF	RR2XF	00.9	9/5	22	17.5	31.8	35.9	57.9	42.6
NK Seeds	NK02-H6E3	Enlist E3	0.2	9/14	25	16.2	32.5	40.7	--	47.8
NK Seeds	NK03-V5E3	Enlist E3	0.3	9/13	22	17.1	31.6	39.5	59.5	48.4
NK Seeds	NK04-A9E3	Enlist E3	0.4	9/18	23	16.7	32.1	44.7	--	52.6
Paloma	PL2E013	Enlist E3	0.1	9/14	24	17.5	31.0	39.9	--	47.9
Paloma	PL2E043	Enlist E3	0.4	9/15	23	17.0	33.2	37.7	--	45.3

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								2023	2-yr Avg.	2-site Avg. <sup>3</sup>
Proseed	EL 40-093N	Enlist E3	00.9	9/15	20	17.2	32.6	32.9	--	--
Proseed	XF 30-092N	RR2XF	00.9	9/5	22	17.4	31.7	32.7	61.2	--
Proseed	XF 30-42	RR2XF	0.4	9/19	23	17.6	32.2	39.7	--	46.4
Proseed	XF 30-52N	RR2XF	0.5	9/18	26	18.0	30.1	41.8	--	47.4
Proseed	XF 40-12	RR2XF	0.1	9/9	24	16.8	31.4	38.5	--	46.4
REA	R00934XF	RR2XF	00.9	9/5	24	17.4	30.5	35.7	--	45.3
REA	R0422XF	RR2XF	0.4	9/19	20	17.4	31.9	35.4	58.8	43.2
Xitavo	XO 0094E	Enlist E3	0.0	9/12	21	17.4	31.9	35.0	--	42.3
Xitavo	XO 0213E	Enlist E3	0.2	9/17	24	16.9	33.0	38.4	53.1	45.0
Xitavo	XO 0234E	Enlist E3	0.2	9/19	22	16.7	33.3	40.4	--	46.1
Trial Mean				9/13	23	17.1	32.0	38.1	--	--
C.V. %				1.6	6.9	1.82	1.58	9.7	--	--
LSD 5%				2.4	2.2	0.63	1.04	5.2	--	--
LSD 10%				2.0	1.9	0.5	0.9	4.3	--	--

Planting Date: May 25

Harvest Date: October 16

Previous Crop: Wheat

Soil Type: Glyndon silt loam

<sup>1</sup>Maturity Group provided by company

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

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