

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

**Soybean - RR2XF, Enlist and GT - 2023** **Pekin - Nelson County**

Brand	Variety	Herb. Trait	Maturity Group <sup>1</sup>	Maturity date <sup>2</sup>	Plant Height in	Oil %	Protein %	Yield		
								2023	2-yr Avg.	2-site Avg. <sup>3</sup>
Dahlman	7304XF	RR2XF	0.4	9/9	26.5	16.4	35.0	54.7	57.3	47.7
Dyna-Gro	S01XF43	RR2XF	0.1	8/31	25.3	15.9	34.8	51.9	51.7	45.1
Dyna-Gro	S03EN94	Enlist E3	0.3	9/10	23.7	16.5	34.3	49.2	--	44.4
Golden Harvest	GH0234E3	Enlist E3	0.2	9/7	27.1	15.7	35.6	52.2	--	46.2
Golden Harvest	GH0363E3	Enlist E3	0.3	9/6	23.7	15.9	35.3	55.2	56.6	49.4
Golden Harvest	GH0384XF	RR2XF	0.3	9/7	29.3	16.2	35.0	56.7	--	47.9
Integra	40113N	Enlist E3	0.1	9/5	26.5	16.1	35.6	57.0	52.6	46.2
Integra	70493N	RR2XF	0.4	9/10	26.5	16.1	35.2	51.9	--	44.9
Integra	E0324	Enlist E3	0.3	9/11	23.2	16.3	34.2	46.9	--	41.3
Legacy	LS0098-23 XF	RR2XF	00.9	9/3	28.3	16.5	33.6	59.8	--	46.6
Legacy	LS012-23 E	Enlist E3	0.1	9/7	27.4	16.1	35.5	55.7	--	48.4
Legacy	LS014-23 XF	RR2XF	0.1	8/1	31.4	15.6	33.7	53.6	--	46.6
Legacy	LS024-23 XF	RR2XF	0.2	9/4	25.5	17.1	35.3	47.8	--	41.8
Legacy	LS032-23E	Enlist E3	0.3	9/9	24.4	16.7	34.3	52.8	--	46.4
Legacy	LS044-23 XF	RR2XF	0.4	9/9	28.3	16.7	34.6	55.1	--	47.5
LG Seeds	LGS0125XF	RR2XF	0.1	9/3	28.0	16.4	34.3	55.3	--	46.4
LG Seeds	LGS0139XF	RR2XF	0.1	9/1	29.7	15.9	33.3	54.3	--	46.0
LG Seeds	LGS0444XF	RR2XF	0.4	9/8	26.5	16.3	34.8	55.1	--	48.2
NDSU	ND17009GT	GT	00.9	8/28	25.3	16.9	36.3	45.4	45.3	40.4
NDSU	ND21008GT20	GT	00.8	8/26	27.8	16.3	35.0	44.4	45.8	40.6
NK Seeds	NK009-G7E3	Enlist E3	00.9	9/4	26.7	15.9	36.2	55.0	56.3	45.9
NK Seeds	NK009-T1XF	RR2XF	00.9	8/30	25.0	16.4	34.3	49.3	51.5	42.6
NK Seeds	NK02-H6E3	Enlist E3	0.2	9/6	24.1	15.1	36.1	54.9	--	47.8
NK Seeds	NK02-M4XF	RR2XF	0.2	8/31	26.1	16.7	33.6	58.3	54.1	--
NK Seeds	NK03-V5E3	Enlist E3	0.3	9/7	25.6	15.8	35.5	57.4	58.0	48.4
NK Seeds	NK04-A9E3	RR2XF	0.4	9/10	26.8	16.2	34.6	60.5	--	52.6
Palmo	PL2E013	Enlist E3	0.1	8/8	26.3	15.8	34.4	55.8	--	47.9
Palmo	PL2E043	Enlist E3	0.4	9/7	25.6	15.9	35.7	52.9	--	45.3
Proseed	XF 30-42N	RR2XF	0.4	9/9	27.1	16.3	34.8	53.0	--	46.4
Proseed	XF 30-52N	RR2XF	0.5	9/7	32.3	16.2	34.8	52.9	--	47.4
Proseed	XF 40-12	RR2XF	0.1	8/30	29.9	15.9	33.9	54.3	--	46.4
REA	R00934XF	RR2XF	00.9	8/30	27.4	15.9	33.2	54.9	--	45.3
REA	R0422XF	RR2XF	0.4	9/11	27.7	16.5	35.0	51.0	55.6	43.2
Xitavo	XO 0094E	Enlist E3	0.0	9/9	24.6	16.4	34.9	49.7	--	42.3
Xitavo	XO 0213E	Enlist E3	0.2	9/7	25.9	17.1	34.4	51.6	50.3	45.0
Xitavo	XO 0234E	Enlist E3	0.2	9/9	24.3	15.8	35.4	51.7	--	46.1
Trial Mean				9/5	26.7	16.2	34.8	53.3	--	--
C.V. %				1.5	8.6	1.2	1.2	7.8	--	--
LSD 5%				2.1	3.2	0.4	0.8	5.8	--	--
LSD 10%				1.8	2.7	0.3	0.7	4.9	--	--

Planting Date: May 26, Harvest Date: October 13, Previous Crop: Wheat, Soil Type: Lankin 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).