

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

**Soybean - RR2XF, Enlist and GT - 2023** **Langdon (Page 1-2)**

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	7301XF	RR2XF	0.1	9/6	23	16.3	33.9	31.8	49.7	43.6
Dahlman	74009XF	RR2XF	00.9	8/31	20	17.0	33.5	32.1	--	40.6
Dahlman	7401XF	RR2XF	0.1	9/2	22	16.6	32.0	35.0	--	46.9
Dahlman	AE0140	Enlist E3	0.1	9/11	20	16.1	33.3	35.4	--	45.8
Dairyland	DSR-0220E	Enlist E3	0.2	9/9	20	16.9	33.1	38.8	52.3	--
Dairyland	DSR-C801E	Enlist E3	00.8	8/30	17	17.2	32.1	28.5	--	--
Dyna-Gro	S006XF83	RR2XF	00.6	8/28	16	17.5	32.2	29.0	48.4	41.5
Dyna-Gro	S009EN24	Enlist E3	00.9	9/4	18	16.8	32.6	33.5	--	45.8
Dyna-Gro	S009XF33	RR2XF	00.9	9/1	20	16.4	32.1	29.6	45.9	42.7
Golden Harvest	GH00864XF	RR2XF	00.8	8/31	18	17.2	33.1	30.0	--	45.3
Golden Harvest	GH00973E3	Enlist E3	00.9	9/2	19	16.0	34.6	32.5	51.9	45.2
Golden Harvest	GH0234E3	Enlist E3	0.2	9/9	22	15.9	33.8	38.5	--	50.9
Inn victis	A00821XF	RR2XF	00.8	9/1	19	15.9	35.1	31.7	46.1	42.3
Inn victis	A00979X	RR2XF	00.9	9/5	18	17.5	33.1	29.5	45.1	45.7
Integra	XF0063	RR2XF	00.6	8/27	17	16.9	34.1	34.6	--	45.5
Integra	E0113	Enlist E3	0.1	9/6	19	16.2	33.9	36.5	53.6	49.4
Integra	XF0082	RR2XF	00.9	9/1	20	16.9	34.3	32.6	48.9	41.4
Integra	E0084	Enlist E3	00.8	9/6	20	16.9	31.9	36.5	--	48.6
Legacy	LS0068-23 XF	RR2XF	00.6	9/2	21	16.7	30.5	32.8	--	43.7
Legacy	LS008-23 E	Enlist E3	00.8	9/7	20	16.5	33.2	33.9	--	45.0
Legacy	LS0098-23 XF	RR2XF	00.9	9/5	20	16.7	33.2	34.8	--	48.0
Legacy	LS012-23 E	Enlist E3	0.1	9/10	20	16.2	33.6	34.5	--	46.7
Legacy	LS014-23 XF	RR2XF	0.1	9/5	23	17.1	33.2	33.4	--	47.4
Legacy	LS024-23 XF	RR2XF	0.2	9/6	19	17.2	34.5	29.3	--	40.7
LG Seeds	LGS00719XF	RR2XF	00.7	8/31	17	16.8	33.5	31.8	--	47.3
LG Seeds	LGS00901E3	Enlist E3	00.9	9/8	19	16.6	33.1	30.5	--	--
LG Seeds	LGS0125XF	RR2XF	0.1	9/3	19	17.0	33.0	35.0	--	48.2
LG Seeds	LGS0139XF	RR2XF	0.1	9/5	23	15.1	34.2	37.3	--	48.6
NDSU	ND17009GT	GT	00.9	9/2	19	17.7	34.4	29.1	45.6	41.1
NDSU	ND21008GT20	GT	00.8	8/29	17	16.7	34.2	28.4	46.6	38.2
NK Seeds	NK009-G7E3	Enlist E3	00.9	9/4	18	15.4	36.0	31.1	50.2	43.4
NK Seeds	NK009-T1XF	RR2XF	00.9	9/1	19	17.0	32.8	30.4	51.1	42.7
NK Seeds	NK02-H6E3	Enlist E3	0.2	9/8	20	15.7	33.6	36.7	--	50.3
NK Seeds	NK02-M4XF	RR2XF	0.2	9/1	21	17.4	31.5	36.6	53.0	--
Paloma	PL2E013	Enlist E3	0.1	9/11	21	16.5	32.2	33.7	--	44.8

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								2023	2-yr Avg	2-site Avg. <sup>3</sup>
Pioneer	P005A59E	Enlist E3	00.5	8/29	16	17.6	34.8	22.9	41.3	--
Pioneer	P007A68E	Enlist E3	00.7	8/30	17	17.8	32.7	27.3	--	--
Pioneer	P009T18E	Enlist E3	00.9	9/3	21	16.1	34.3	35.5	44.6	--
Pioneer	P02A78E	Enlist E3	0.2	9/5	19	17.0	31.5	31.2	--	--
Proseed	EL 40-093N	Enlist E3	00.9	9/10	20	17.1	32.0	28.6	--	38.1
Proseed	XF 30-062	RR2XF	00.6	8/27	18	16.4	32.5	32.2	48.4	43.1
Proseed	XF 30-092N	RR2XF	00.9	9/5	19	17.1	32.0	34.4	55.8	48.6
Proseed	XF 40-12	RR2XF	0.1	9/5	22	15.7	33.5	37.5	--	50.7
REA	R00934XF	RR2XF	00.9	9/2	20	16.7	32.2	33.2	--	47.5
Stine	01EG23	Enlist E3	00.9	9/11	20	17.3	33.3	36.4	--	48.3
Stine	03EG62	Enlist E3	0.2	9/14	19	16.3	33.7	29.9	--	42.3
Thunder	TE7101N	Enlist E3	0.1	9/9	18	16.9	32.8	34.8	49.2	47.3
Thunder	TE7302N	Enlist E3	0.2	9/3	18	16.3	34.2	32.0	49.6	46.9
Thunder	TX8301	RR2XF	0.1	9/2	17	16.2	33.1	30.4	46.6	44.2
Thunder	TX8402N	RR2XF	0.2	9/5	24	15.9	33.2	37.0	--	47.4
Xitavo	XO 0094E	Enlist E3	0.0	9/8	20	16.7	33.0	37.5	--	48.2
Xitavo	XO 0213E	Enlist E3	0.2	9/10	22	17.4	32.3	37.0	48.9	48.3
Xitavo	XO 0234E	Enlist E3	0.2	9/13	18	16.2	33.4	34.1	--	47.7
Trial Mean				9/4	19	16.6	33.2	32.7	--	--
C.V. %				1.4	10.8	3.1	2.4	11.3	--	--
LSD 5%				2.4	2.9	1.0	1.6	6.4	--	--
LSD 10%				1.0	2.5	0.9	1.4	--	--	--

Planting Date: May 22

Harvest Date: October 12

Previous Crop: Wheat

Soil Type: Svea-Barnes 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 northern region, Cavalier County (Langdon) and Pembina County (Cavalier).