

**NDSU Langdon Research Extension Center
2024 Variety Trial**

Soybean - RR2XF, Enlist and GT - 2024

Pekin - Nelson County

Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Oil %	Protein %	Yield		
							2024	2-yr Avg.	2-site Avg. ³
Channel	0225RXF	RR2XF	0.2	9/30	15.1	34.4	55.3	--	57.7
Channel	0325RXF	RR2XF	0.3	10/1	15.8	34.8	58.4	--	64.8
Fortus	0084E	Enlist E3	00.9	9/29	15.1	35.0	48.4	--	58.0
Fortus	0165E	Enlist E3	0.1	9/29	15.7	35.1	46.5	--	57.8
Fortus	0324E	Enlist E3	0.3	9/30	15.3	35.2	50.7	--	56.0
Fortus	0544E	Enlist E3	0.5	10/1	15.6	34.5	49.4	--	57.0
Golden Harvest	GH0225XF	RR2XF	0.2	9/25	15.9	34.2	58.6	--	59.2
Golden Harvest	GH0384XF	RR2XF	0.3	9/26	15.7	34.2	62.5	59.6	59.3
Integra	XF0115	RR2XF	0.1	9/27	14.9	34.4	51.7	--	59.6
Integra	XF0212	RR2XF	0.2	9/28	15.5	34.8	45.5	--	55.5
Integra	XF0493	RR2XF	0.4	10/1	15.6	34.4	46.1	49.0	56.3
Legacy	LS014-23 XF	RR2XF	0.1	9/26	15.3	33.9	48.1	50.8	58.5
Legacy	LS022-24 E	Enlist E3	0.2	9/27	14.7	34.6	57.3	--	61.2
Legacy	LS024-23 XF	RR2XF	0.2	9/27	16.4	34.1	47.3	47.5	53.1
Legacy	LS032-23 E	Enlist E3	0.3	9/30	15.3	34.8	59.9	56.4	64.1
Legacy	LS034-24 XF	RR2XF	0.2	9/28	15.5	34.7	61.6	--	68.9
Legacy	LS044-23 XF	RR2XF	0.4	9/28	15.5	34.8	63.2	59.1	68.0
NDSU	ND17009GT	GT	00.9	9/26	16.2	36.1	47.0	46.2	54.7
NDSU	ND21008GT20	GT	00.8	9/27	15.8	34.5	44.8	44.6	51.8
Proseed	EL 50-33N	Enlist E3	0.3	9/29	15.3	35.1	56.6	--	60.0
Proseed	XF 30-42	RR2XF	0.4	9/28	15.8	34.2	62.1	57.5	62.3
Proseed	XF 40-12	RR2XF	0.1	9/26	15.1	34.1	53.2	53.7	60.7
Proseed	XF 50-52N	RR2XF	0.5	9/26	15.1	34.9	66.7	--	67.6
Xitavo	XO 0094E	Enlist E3	0.0	9/30	15.1	35.2	51.0	50.4	58.4
Xitavo	XO 0234E	Enlist E3	0.2	9/29	15.1	35.6	60.7	56.2	65.3
Trial Mean				9/28	15.5	34.7	53.0		
C.V. %				1.3	1.9	1.4	8.2		
LSD 10%				1.7	0.5	0.9	5.1		

Planting Date: June 6, Harvest Date: October 9, Previous Crop: Barley, Soil Type: Svea-Cresbard loam

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).

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.