

2025 Soybean Variety Trial at Rugby

Company	Variety	Herbicide System	Maturity	Lodging 1 to 9*	Plant Height inches	Test Weight lbs/bu	Protein %	Oil %
BASF	XO 0094E	Enlist E3	0.09	1	25	57.4	33.8	16.0
Fortus	0324E	Enlist E3	0.3	1	25	56.8	33.8	16.0
Golden Harvest	GH00864XF	XtendFlex	0.08	1	28	56.5	34.5	15.8
Golden Harvest	GH0225XF	XtendFlex	0.2	1	27	56.8	33.7	16.2
Golden Harvest	GH0384XF	XtendFlex	0.3	1	31	55.7	34.4	16.0
Integra	XF0115	XtendFlex	0.1	1	29	56.1	33.4	15.9
Integra	XF0212	XtendFlex	0.2	1	35	56.1	34.4	16.2
Integra	XF0493	XtendFlex	0.4	1	28	57.1	33.7	16.2
NDSU	ND17009GT	GT	0.09	1	26	58.5	35.7	16.6
NDSU	ND21008GT20	GT	0.08	1	26	57.4	34.0	16.2
PROSEED	EL40-093N	Enlist E3	0.09	1	25	57.2	33.9	15.8
PROSEED	XF30-092N	XtendFlex	0.09	1	26	56.1	33.1	16.7
PROSEED	XF60-092	XtendFlex	0.09	1	30	56.1	33.5	16.2
PROSEED	XF60-22N	XtendFlex	0.2	1	29	55.4	33.2	15.8
Thunder Seed	TE76007	Enlist E3	0.07	1	27	57.6	34.9	16.2
Thunder Seed	TE7601N	Enlist E3	0.1	1	27	55.1	35.2	16.1
Thunder Seed	TX8402N	XtendFlex	0.2	1	27	55.9	32.6	16.2
Thunder Seed	TX85008	XtendFlex	0.08	1	27	56.3	33.8	16.0
Trial Mean	--	--	--	1	28	56.6	34.0	16.1
C.V. %	--	--	--	--	6.5	0.9	1.6	2.1
LSD 5%	--	--	--	--	3	1.0	0.9	0.6
LSD 10%	--	--	--	--	2	0.7	0.7	0.5

*Lodging: 1 = none, 9 = lying flat on the ground.

Planting date: May 2, 2025

Harvest date: October 27, 2025

Seeding rate: 150,000 live seeds/acre

Previous crop: soybeans

Tillage system: no-till

Soil type: Gardena silt loam

Yield
2025
bu/a
35.1
37.6
41.7
39.4
42.4
43.6
44.5
44.3
40.5
37.0
41.7
51.6
52.9
43.5
47.5
40.4
40.2
40.2
42.4
5.2
3.6
3.0