2026 Soybean Variety Trial at Rugby

Company	Variety	Herbicide System	Maturity	Plant Height	Lodging	Test Weight	Protein	Oil	Yield
				inches	1 to 9*	lbs/bu	%	%	bu/a
Golden Harvest	GH0225XF	XtendFlex	0.2	29	1	57.8	32.2	16.5	41.7
Golden Harvest	GH0384XF	XtendFlex	0.3	30	1	56.1	32.7	16.3	45.1
NDSU	ND17009GT	GT	0.09	31	1	59.7	33.9	16.8	28.9
NDSU	ND21008GT20	GT	0.08	28	1	57.3	32.8	16.6	21.1
NDSU	ND2501SNCGT	GT	0.1	28	1	57.5	33.4	16.6	32.7
Thunder Seed	TE77008N	Enlist E3	0.08	29	1	58.1	32.0	16.5	39.1
Thunder Seed	TX8301	XtendFlex	0.1	28	1	57.0	30.7	16.7	42.7
Thunder Seed	TX8402N	XtendFlex	0.2	30	1	57.4	31.0	16.3	44.2
Thunder Seed	TX85008	XtendFlex	0.08	33	1	56.7	31.5	16.8	41.4
INTEGRA	XF0115	XtendFlex	0.1	31	1	56.8	31.3	16.3	45.8
INTEGRA	XF0212	XtendFlex	0.2	35	1	57.2	31.5	16.6	45.3
INTEGRA	XF0297	XtendFlex	0.2	31	1	57.4	31.4	16.0	46.5
INTEGRA	XF0493	XtendFlex	0.4	31	1	56.6	33.5	15.7	45.7
Proseed	XF40-12	XtendFlex	0.1	29	1	56.7	32.1	15.8	43.5
Proseed	XF70-092	XtendFlex	0.09	30	1	57.3	30.8	17.1	43.1
Xitavo	XO 0094E	Enlist E3	0.09	26	1	57.1	31.9	16.6	45.9
Xitavo	XO 0234E	Enlist E3	0.2	29	1	56.6	34.0	15.5	45.9
Trial mean	--	--	--	30	1	57.3	32.2	16.4	41.3
C.V. %	--	--	--	10.5	--	0.8	2.0	1.9	5.9
LSD 5%	--	--	--	5	--	0.7	1.1	0.5	4.1
LSD 10%	--	--	--	4	--	0.6	0.9	0.4	3.4

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

Planting date: May 19, 2026
Harvest date: October 19, 2026
Seeding rate: 150,000 live seeds/acre
Previous crop: HRSW
Tillage system: no-till
Soil type: Gardena silt loam