

## 2024 Soybean Variety Trial at Mohall

Company	Variety	Herbicide System	Maturity	Lodging	Plant Height	Test Weight	Protein	Oil	Yield 2024
				1 - 9*	inches	lbs/bu	%	%	bu/a
Golden Harvest	GH00864XF	RR2XF	0.08	1	28	54.9	35.2	15.5	35.2
Golden Harvest	GH0225XF	RR2XF	0.2	1	28	55.3	35.4	15.4	32.6
Integra	XF0082	Xtendflex	0.08	1	28	55.5	35.1	15.4	26.4
Integra	XF0212	Xtendflex	0.2	1	31	55.2	36.0	15.7	30.5
LG Seeds	LGS0125XF	XF	0.01	1	29	55.8	35.0	15.4	35.4
Legacy Seeds	LS0098-23 XF	XF	0.09	1	28	55.3	35.0	15.7	37.9
Legacy Seeds	LS12-23 E	E3	0.1	1	26	55.5	38.1	14.2	30.2
Legacy Seeds	LS014-23 XF	XF	0.1	1	27	55.2	35.1	14.7	26.8
Legacy Seeds	LS024-23 XF	XF	0.2	1	28	56.1	36.1	16.0	24.9
Legacy Seeds	LS034-24 XF	XF	0.3	1	27	54.7	36.7	15.2	30.3
NK Seeds	NK006-Z5XF	Xtend	0.06	1	27	55.3	33.3	16.3	34.0
NK Seeds	NK006-U6E3	Enlist	0.06	1	25	55.4	35.5	15.2	31.5
NK Seeds	NK008-P8XF	Xtend	0.08	1	27	54.7	35.6	15.1	30.1
NK Seeds	NK02-Y2FX	Xtend	0.2	1	27	55.2	36.3	14.8	25.5
Dak-Sota	DE54007	E3	0.07	1	26	55.9	37.6	14.6	32.6
Proseed	XF 30-062	XF	0.06	1	25	54.3	32.5	16.3	32.3
Proseed	XF 30-092N	XF	0.09	1	26	55.4	35.6	15.4	30.5
Proseed	XF 40-12	XF	0.1	1	28	55.4	34.3	15.4	32.2
Proseed	EL 50-063N	E3	0.06	1	23	55.0	35.6	15.6	28.9
Thunder Seed	TX83006	XF	0.06	1	21	54.8	32.7	16.3	30.8
Thunder Seed	TX85008	XF	0.08	1	24	54.5	34.8	15.8	33.6
Thunder Seed	TX8402N	XF	0.2	1	29	55.4	33.8	15.4	30.0
Xitavo	XO 0094E	Enlist E3	0.0	1	26	55.8	36.7	14.8	31.4
Xitavo	XO 0234E	Enlist E3	0.2	1	24	55.0	37.7	14.0	27.1
Xitavo	XO 0315E	Enlist E3	0.3	1	24	54.8	36.1	15.2	28.3
Xitavo	XO 0554E	Enlist E3	0.5	1	21	54.7	34.8	15.5	25.9
NDSU	ND17009GT	GT	0.09	1	32	57.3	36.1	16.0	23.4
NDSU	ND21008GT20	GT	0.08	1	28	55.8	34.1	15.9	26.9
Trial mean	--	--	--	1	26	55.3	35.4	15.3	30.4
C.V. %	--	--	--	--	10.3	0.7	2.4	2.5	10.1
LSD 0.05	--	--	--	--	4	0.6	1.4	0.6	5.0
LSD 0.10	--	--	--	--	3	0.5	1.1	0.5	4.2

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

Planting date: May 16, 2024

Harvest date: October 8, 2024

Seeding rate: 150,000 live seeds/acre

Previous crop: soybeans

Tillage system: minimum

Soil type: Barnes loam

Note: The trial sustained hail damage on June 27. View data with caution.