

## 2024 Soybean Variety Trial at Garrison

Company	Variety	Herbicide System	Maturity	Lodging	Plant Height	Test Weight	Protein	Oil	Yield
				1 - 9*	inches	lbs/bu	%	%	bu/a
Channel	0423RXF	RRXF	0.4	1	20	54.9	34.5	17.7	33.0
Golden Harvest	GH0225XF	RR2XF	0.2	1	18	54.2	34.8	17.3	30.9
Golden Harvest	GH0384XF	RR2XF	0.3	1	22	54.4	35.1	17.1	34.9
Golden Harvest	GH0363E3	Enlist E3	0.3	1	18	54.6	34.8	16.9	33.7
Golden Harvest	GH0414E3	Enlist E4	0.4	1	19	55.0	34.5	17.0	39.5
Integra	XF0212	Xtendflex	0.2	1	25	54.9	34.7	16.9	41.0
Integra	XF0493	Xtendflex	0.4	1	18	54.5	34.4	17.2	36.9
Fortus	0324E	Enlist	0.2	1	18	54.5	34.6	16.7	37.5
Fortus	0544E	Enlist	0.5	1	20	54.7	33.6	16.9	38.8
LG Seeds	LGS0444XF	XF	0.04	1	19	54.7	34.6	16.7	35.3
Legacy Seeds	LS014-23 XF	XF	0.1	1	20	55.4	34.3	17.2	34.4
Legacy Seeds	LS024-23 XF	XF	0.2	1	19	54.9	34.5	16.7	36.0
Legacy Seeds	LS034-24 XF	XF	0.3	1	21	54.9	34.6	16.9	38.7
Legacy Seeds	LS032-23 E	E3	0.3	1	19	54.7	34.0	17.0	34.6
Legacy Seeds	LS044-23 XF	XF	0.4	1	18	54.5	35.0	16.8	35.9
NK Seeds	NK008-P8XF	Xtend	0.08	1	20	54.9	34.4	17.1	37.8
NK Seeds	NK02-W8E3	Enlist	0.2	1	19	54.7	34.9	16.8	37.7
NK Seeds	NK02-Y2FX	Xtend	0.2	1	18	55.2	34.3	17.1	35.0
NK Seeds	NK03-J1XF	Xtend	0.3	1	19	54.3	34.8	16.9	38.8
NK Seeds	NK03-V5E3	Enlist	0.3	1	17	54.8	35.5	16.6	38.7
NK Seeds	NK05-W3XF	Xtend	0.5	1	20	55.0	34.7	16.6	33.9
NK Seeds	NK06-A1E3	Enlist	0.6	1	20	54.3	34.9	17.1	38.4
NK Seeds	NK06-C4XF	Xtend	0.6	1	20	54.7	33.1	16.8	35.7
Proseed	EL 50-13N	E3	0.1	1	20	54.4	34.6	17.5	36.7
Proseed	XF 30-062	XF	0.06	1	18	54.8	34.1	17.2	32.8
Proseed	XF 30-092N	XF	0.09	1	19	54.1	34.1	17.4	34.1
Proseed	XF 40-12	XF	0.1	1	19	54.9	34.5	16.8	39.1
Xitavo	XO 0094E	Enlist E3	0.0	1	18	54.6	34.5	16.9	37.2
Xitavo	XO 0234E	Enlist E3	0.2	1	20	54.5	35.0	17.0	37.5
Xitavo	XO 0315E	Enlist E3	0.3	1	19	54.1	35.2	16.8	35.9
Xitavo	XO 0554E	Enlist E3	0.5	1	20	53.8	34.1	17.0	37.6
NDSU	ND17009GT	GT	0.09	1	21	54.6	35.0	17.2	34.6
NDSU	ND21008GT2	GT	0.08	1	18	54.8	34.8	17.2	36.1
Trial mean	--	--	--	1	19	54.6	34.6	17	36.4
C.V. %	--	--	--	--	12.2	11.2	2.8	3.1	8.3
LSD 0.05	--	--	--	--	4	1.1	1.6	0.9	4.9
LSD 0.10	--	--	--	--	3	0.9	1.3	0.7	4.1

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

Planting date: May 20, 2024

Harvest date: October 9, 2024

Seeding rate: 150,000 live seeds/acre

Previous crop: canola

Tillage system: no-till

Soil type: Bowbells loam