

2023 Soybean Variety Trial at Mohall

Company/Brand	Variety	Herbicide System	Maturity Group	Plant Height inches	Protein %	Oil %	Test Weight lbs/bu	Yield		
								2022	2023	2-yr avg
								----- bu/A -----		
NK Seeds	NK009-G7E3	Enlist	0.1	19	35.8	16.4	53.1	53.4	28.5	41.0
NK Seeds	NK009-T1XF	XtendFlex	0.1	21	34.2	17.7	51.6	46.6	29.0	37.8
Integra	E0084	Enlist	0.1	19	34.4	17.0	53.1	--	23.5	--
Integra	E0113N	Enlist	0.1	19	33.6	17.1	53.0	--	30.1	--
Integra	XF0082	XtendFlex	0.1	23	33.8	17.9	51.8	--	29.2	--
Integra	XF0063	XtendFlex	0.1	19	33.6	17.7	51.2	--	21.0	--
Golden Harvest	GH00864XF	XF	0.1	22	34.4	17.6	51.7	--	24.1	--
Golden Harvest	GH00982XF	XF	0.1	19	33.9	18.1	51.2	--	20.2	--
LG Seeds	LGS00719XF	XF	00.7	19	34.5	17.7	51.7	--	20.7	--
LG Seeds	LGS0125XF	XF	0.1	22	34.2	17.5	52.5	--	26.3	--
LG Seeds	LGS0139XF	XF	0.1	25	33.1	17.2	52.5	--	28.9	--
Legacy Seeds	LS0068-23 XF	XF	00.6	20	33.1	17.5	51.8	--	21.4	--
Legacy Seeds	LS008-23 E	E3	00.8	18	33.8	17.2	53.5	--	25.6	--
Legacy Seeds	LS0098-23 XF	XF	00.9	24	33.5	17.5	52.3	--	27.8	--
Legacy Seeds	LS012-23 E	E3	0.1	20	35.3	16.7	53.7	--	20.6	--
Legacy Seeds	LS014-23 XF	XF	0.4	22	32.6	17.2	52.5	--	27.0	--
Legacy Seeds	LS024-23 XF	XF	0.2	22	34.1	18.4	51.9	--	27.7	--
Latham	L 00725 XF	XF	0.1	19	33.2	17.9	50.6	--	21.6	--
Latham	L 0114 XF	XF	0.1	25	32.6	17.4	52.7	--	31.1	--
Latham	L 0254 XF	XF	0.2	28	33.7	16.9	53.6	--	28.8	--
Xitavo	XO 0094E	E3	0.0	17	34.1	16.9	54.1	--	22.2	--
Xitavo	XO 0213E	E3	0.2	20	34.2	17.0	53.1	--	23.8	--
Xitavo	XO 0234E	E3	0.2	18	35.2	16.7	53.6	--	20.5	--
Xitavo	XO 0311E	E3	0.3	21	33.7	16.9	53.3	--	24.1	--
Xitavo	XO 0554E	E3	0.5	22	33.7	16.7	54.3	--	24.9	--
Dyna-Gro	S009EN24	Enlist E3	0.1	20	33.5	17.5	53.1	--	26.1	--
Dyna-Gro	S006XF83	XtendFlex	0.1	17	33.6	17.7	50.5	50.3	20.0	35.2
Dyna-Gro	S009XF33	XtendFlex	0.1	15	33.5	17.3	52.5	48.4	21.7	35.1
Thunder Seeds	DE54007	EnlistE3	00.7	20	33.2	17.7	51.0	--	23.2	--
Thunder Seeds	TX82008N	XtendFlex	00.8	22	33.5	18.2	51.0	--	23.6	--
Thunder Seeds	TX8301	XtendFlex	0.1	17	33.6	17.2	53.3	--	21.5	--
Thunder Seeds	TX8402N	XtendFlex	0.2	24	33.0	17.2	52.9	--	28.1	--
Proseed	XF 30-062N	RRXF	0.1	19	33.3	17.5	51.2	--	20.6	--
Proseed	XF 30-092N	RRXF	0.1	21	33.8	17.7	52.2	55.0	24.3	39.7
Proseed	XF 40-12N	RRXF	0.1	22	32.9	17.5	52.8	--	24.4	--
NK Seeds	NK008-P2XF	XtendFlex	0.1	21	33.3	17.9	51.3	--	25.9	--
REA Hybrids	R00934XF	RRXF	0.1	20	32.9	17.6	52.6	--	25.4	--
NDSU	ND17009GT	GT	00.9	24	35.3	17.3	53.8	39.0	24.9	32.0
NDSU	ND21008GT20	GT	00.8	20	34.9	16.9	51.8	42.4	19.9	31.2
Trial Mean	--	--	--	21	33.8	17.4	52.4	47.9	24.6	--
C.V.%	--	--	--	11.0	1.6	2.0	1.0	8.6	13.7	--
LSD 5%	--	--	--	4	0.9	0.6	0.9	6.7	5.5	--
LSD 10%	--	--	--	3	0.7	0.5	0.7	5.6	4.6	--

Planted on May 19 and harvested on October 10th.

Previous crop:2020 = canola, 2021 = oat, 2022 = canola.