

2023 Soybean Variety Trial at Minot

Company/Brand	Variety	Herbicide System	Maturity Group	Maturity Days	Plant Height	Test Weight	Protein	Oil	Yield		
									inches	lbs/bu	%
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									bu/A	bu/A	bu/A
REA Hybrids	R0422XF	RRXF	0.4	111	35	53.8	33.5	16.1	40.1	58.9	49.5
NK Seeds	NK009-G7E3	Enlist	0.09	106	33	53.7	33.1	17.1	40.5	56.8	48.7
NK Seeds	NK009-T1XF	XtendFlex	0.09	103	38	53.7	33.6	16.1	37.0	53.9	45.4
NK Seeds	NK02-H6E3	Enlist	0.2	110	33	54.2	34.0	16.0	--	59.4	--
NK Seeds	NK03-J1XF	XtendFlex	0.3	110	34	53.5	33.3	16.6	--	56.5	--
NK Seeds	NK03-V5E3	Enlist	0.3	110	28	53.0	33.8	16.4	36.0	57.7	46.9
Integra	E0113N	Enlist	0.1	110	35	54.4	33.6	16.3	--	56.6	--
Integra	E0324	Enlist	0.3	110	39	54.0	33.7	15.8	--	61.8	--
Integra	XF0212	XtendFlex	0.2	106	31	53.8	33.6	16.2	--	55.4	--
Integra	XF0493	XtendFlex	0.4	111	31	53.7	33.9	16.3	--	61.7	--
Dairyland Seed	DSR-C801E	E3	0.08	102	31	53.5	34.7	15.8	--	52.4	--
Dairyland Seed	DSR-0220E	E3	0.2	108	30	53.0	32.7	16.9	38.4	54.6	46.5
Golden Harvest	GH00864XF	XF	0.08	105	35	53.6	33.5	16.0	--	60.1	--
Golden Harvest	GH00982XF	XF	0.09	105	28	53.8	32.9	16.9	--	56.1	--
LG Seeds	LGS00719XF	XF	0.07	102	30	52.3	33.9	16.5	--	53.3	--
LG Seeds	LGS0125XF	XF	0.1	105	33	53.8	33.8	16.3	--	60.9	--
LG Seeds	LGS0139XF	XF	0.1	105	33	53.6	33.0	16.3	--	56.7	--
Legacy Seeds	LS0068-23 XF	XF	0.06	105	35	53.7	32.4	16.8	--	53.5	--
Legacy Seeds	LS008-23 E	E3	0.08	106	31	53.1	32.4	16.7	--	60.4	--
Legacy Seeds	LS0098-23 XF	XF	0.09	109	32	53.7	34.2	16.1	--	60.3	--
Legacy Seeds	LS012-23 E	E3	0.1	108	34	53.9	33.6	16.2	--	67.0	--
Legacy Seeds	LS014-23 XF	XF	0.4	107	30	53.8	33.6	16.5	--	58.2	--
Legacy Seeds	LS024-23 XF	XF	0.2	105	33	54.0	33.5	16.8	--	53.8	--
Latham	L 00725 XF	XF	0.07	98	32	53.2	33.8	16.2	--	57.9	--
Latham	L 0114 XF	XF	0.1	106	36	53.8	33.9	15.9	--	63.0	--
Latham	L 0254 XF	XF	0.2	104	30	53.6	33.3	16.6	--	55.4	--
Xitavo	XO 0094E	E3	0	109	34	53.6	33.8	16.3	--	60.0	--
Xitavo	XO 0213E	E3	0.2	108	36	53.4	33.1	16.5	39.6	61.4	50.5
Xitavo	XO 0234E	E3	0.2	110	39	54.0	33.4	16.7	--	52.1	--
Xitavo	XO 0311E	E3	0.3	109	33	53.4	32.9	16.9	--	55.5	--
Xitavo	XO 0554E	E3	0.5	116	32	53.7	32.8	16.8	--	49.5	--
Dyna-Gro	S009EN24	Enlist E3	0.09	107	31	53.4	33.9	16.3	--	62.4	--
Dyna-Gro	S03EN94	Enlist E3	0.3	109	33	53.4	33.2	16.4	--	53.6	--
Dyna-Gro	S01XF43	Enlist E3	0.1	106	32	53.2	32.5	16.7	43.6	51.1	47.3
Proseed	XF 30-062N	RRXF	0.06	97	27	53.0	33.7	16.6	--	49.9	--
Proseed	XF 30-092N	RRXF	0.09	107	32	53.5	33.4	16.2	46.4	62.0	54.2
Proseed	XF 40-12N	RRXF	0.1	105	36	53.6	33.7	16.4	--	56.0	--
NK Seeds	NK008-P2XF	XtendFlex	0.08	105	36	53.4	32.5	16.6	--	53.3	--
REA Hybrids	R00934XF	RRXF	0.09	104	34	53.2	32.7	16.7	--	54.7	--
NDSU	ND17009GT	GT	0.09	103	31	53.6	33.4	16.6	33.7	54.1	43.9
NDSU	ND21008GT20	GT	0.08	99	32	54.0	34.3	15.8	38.8	54.3	46.6
Trial Mean	--	--	--	106	33	53.6	33.4	16.4	40.6	56.9	--
C.V.%	--	--	--	2.0	14.5	1.3	2.8	3.6	6.8	11.3	--
LSD 5%	--	--	--	3	8	1.1	1.5	1.0	4.4	10.4	--
LSD10%	--	--	--	3	7	0.9	1.3	0.8	3.7	8.7	--

Planted on June 2 and harvested on October 12.

Previous crop: 2021 = oat, 2022 = fallow