

2022 Soybean Variety Trial at Minot

Company / Brand	Variety	Herbicide System	Maturity Group	Maturity Date	Plant Height	Test Weight	Protein	Oil	Yield				
									2019	2020	2022	2 yr avg	3 yr avg
				Sept	inches	lbs/bu	%	%	bu/A				
REA Hybrids	RX00912	Xtend	00.9	5	31	52.8	34.5	16.5	--	--	41.5	--	--
REA Hybrids	R0112XF	XtendFlex	0.1	10	36	54.2	35.9	16.6	--	--	39.3	--	--
REA Hybrids	R0422XF	XtendFlex	0.4	12	26	53.5	35.8	16.3	--	--	40.1	--	--
Golden Harvest	GH00973E3	Enlist E3	00.9	10	27	52.9	37.4	14.4	--	--	33.7	--	--
Golden Harvest	GH0213E3	Enlist E3	0.2	11	22	53.1	37.0	15.1	--	--	40.1	--	--
LG Seeds	LGS00838XF	XtendFlex	00.8	6	30	53.3	35.2	16.1	--	--	40.6	--	--
LG Seeds	LGS0111RX	Xtend	0.1	6	28	53.2	35.8	16.1	52.8	35.1	42.4	38.7	43.4
LG Seeds	LGS0400RX	Xtend	0.4	11	28	53.4	35.5	15.3	--	37.3	38.3	37.8	--
Dairyland Seed	DSR-0220E	Enlist E3	0.2	11	25	53.4	36.8	15.2	--	--	38.4	--	--
NK SEEDS	NK009-G7E3	Enlist E3	00.9	6	23	52.4	36.2	15.4	--	--	40.5	--	--
NK SEEDS	NK009-T1XF	XtendFlex	00.9	6	29	52.2	36.0	16.1	--	--	37.0	--	--
NK SEEDS	NK02-M4XF	XtendFlex	0.2	6	29	53.4	35.2	16.2	--	--	41.3	--	--
NK SEEDS	NK02-T4E3	Enlist E3	0.2	12	21	52.5	36.3	15.3	--	--	40.0	--	--
NK SEEDS	NK03-V5E3	Enlist E3	0.3	12	26	53.9	37.3	14.2	--	--	36.0	--	--
Integra	50309N	Xtend	0.3	11	31	54.1	36.4	15.0	48.6	33.1	41.3	37.2	41.0
Integra	70082N	XtendFlex	00.8	6	28	52.9	35.8	16.1	--	--	37.0	--	--
Integra	70212	XtendFlex	0.2	11	33	54.0	35.5	16.2	--	--	42.4	--	--
Integra	70493	XtendFlex	0.4	12	26	53.4	36.6	15.8	--	--	37.8	--	--
Proseed	EL30-13	Enlist E3	0.1	11	27	53.1	35.2	16.1	--	--	40.5	--	--
Proseed	EL30-33	Enlist E3	0.3	12	28	53.5	35.4	15.8	--	--	38.3	--	--
Proseed	EL30-53	Enlist E3	0.5	14	26	54.5	36.9	15.1	--	--	41.1	--	--
Proseed	XF30-092N	XtendFlex	00.9	4	32	53.7	36.0	15.6	--	--	46.4	--	--
Proseed	XF30-42N	XtendFlex	0.4	11	27	53.5	36.0	15.6	--	--	40.1	--	--
Proseed	XF30-52N	XtendFlex	0.5	11	32	53.8	36.5	15.5	--	--	41.0	--	--
XITAVO	XO 0101E	Enlist E3	0.1	10	24	52.8	36.9	15.1	--	--	37.1	--	--
XITAVO	XO 0213E	Enlist E3	0.2	13	28	53.7	35.5	15.9	--	--	39.6	--	--
Legacy Seeds	LS012-21 E	Enlist E3	0.1	11	27	53.6	36.1	15.7	--	31.2	39.9	35.5	--
Legacy Seeds	LS014-22 XF	XtendFlex	0.1	8	32	54.2	35.6	15.8	--	--	40.5	--	--
Legacy Seeds	LS-0239	Xtend	0.2	11	30	52.9	36.2	14.3	48.2	32.0	43.8	37.9	41.3
Legacy Seeds	LS-0320E	Enlist E3	0.3	11	26	52.8	35.7	15.8	--	--	40.2	--	--
Legacy Seeds	LS032-22E	Enlist E3	0.3	10	28	52.8	36.1	14.8	--	--	41.9	--	--
Dyna-Gro	S009XF33	XtendFlex	00.9	5	22	53.3	35.1	15.9	--	--	36.5	--	--
Dyna-Gro	S009XT68	Xtend	00.9	11	25	53.8	35.3	15.5	50.3	36.9	42.7	39.8	43.3
Dyna-Gro	S01XF43	XtendFlex	0.1	10	29	53.1	35.3	15.7	--	--	43.6	--	--
Stine Seed	002EE06	Enlist E3	00.2	3	26	52.5	36.1	15.6	--	--	34.8	--	--
Stine Seed	008EE02	Enlist E3	00.8	10	24	53.0	35.7	16.1	--	--	35.6	--	--
Stine Seed	01EE03	Enlist E3	0.1	11	27	53.7	36.8	15.2	--	--	33.2	--	--
Stine Seed	01EE02	Enlist E3	0.1	9	21	51.2	35.5	16.1	--	--	37.3	--	--
NDSU	ND17009GT	GT	00.9	5	28	54.8	37.3	16.1	49.6	27.1	33.7	30.4	36.8
NDSU	ND21008GT20	GT	00.8	4	30	52.7	35.3	16.0	--	--	38.8	--	--
Trial Mean				9	28	53.3	35.9	15.7	48.1	33.2	40.6	--	--
C.V.%				9.9	11.3	1.0	2.3	3.1	7.0	8.1	6.8	--	--
LSD 5%				1	5	0.8	1.3	0.8	5.5	4.4	4.4	--	--
LSD 10%				1	4	0.7	1.1	0.7	4.6	3.6	3.7	--	--

Planted on May 23 with a planting rate of 165,000 PLS/A and harvested on September 30.

Row Spacing: solid seeded (7")

Previous Crop: 2018 = wheat, 2019 = soy, 2021 = oat

Soil Type: Williams Loam

Tillage: No-till

Note: The 2021 trial sustained extreme drought. Data not shown.