

2021 Soybean Variety Trial at Mohall

North Central Research Extension

Cooperators: Dean Schoenberg and the Renville/Bottineau Ag Improvement Assoc.

Company/Brand	Variety	Herbicide System	Maturity Group	IDC Rating	Test Weight	Yield			
						2019	2020	2021	2 yr
					1-5 ^a	lbs/bu	bushels/acre		
REA Hybrids	RX00912	RR2X	00.9	3.1	57.9	--	--	43.7	--
REA Hybrids	R0112XF	XtendFlex	0.1	2.4	55.7	--	--	41.5	--
Golden Harvest	GH00982XF	XtendFlex	00.9	3.1	58.2	--	--	40.6	--
Golden Harvest	GH0272XF	XtendFlex	0.2	2.6	58.1	--	--	44.1	--
LG Seeds	LGS00838XF	XtendFlex	00.8	3.2	58.0	--	--	37.0	--
LG Seeds	LGS0111RX	Xtend	0.1	2.7	56.8	56.7	36.7	46.1	41.4
Integra	40201N	Enlist E3	0.2	3.3	56.0	--	--	43.2	--
Integra	50081N	Xtend	00.8	2.6	58.6	--	45.2	37.5	41.3
Integra	40089N	Enlist E3	00.8	2.0	58.4	39.1	41.2	37.0	39.1
Integra	70082N XF	XtendFlex	00.8	3.5	57.9	--	--	38.3	--
Legacy Seeds	LS-00930 RR2X	RR2X	00.9	2.6	57.5	--	--	37.1	--
Legacy Seeds	LS012-21E	Enlist E3	0.1	2.3	53.8	--	--	44.3	--
Legacy Seeds	LS012-20E	Enlist E3	0.1	2.5	57.0	--	--	36.7	--
Legacy Seeds	LS-0239 RR2X	RR2X	0.2	1.1	59.0	--	--	34.3	--
Legacy Seeds	LS-0320N E	Enlist E3	0.3	2.7	57.8	--	--	39.1	--
MS Technologies	XO 0101E	Enlist E3	0.1	--	57.0	--	--	36.2	--
MS Technologies	XO 0311E	Enlist E3	0.3	--	57.7	--	--	32.1	--
NK SEEDS	S006-R7X	Xtend	00.6	3.0	58.6	--	50.3	28.8	39.5
NK SEEDS	S008-E3	Enlist E3	00.8	1.5	58.4	--	--	34.2	--
NK SEEDS	NK009-T1XF	XtendFlex	00.9	2.8	58.0	--	--	38.5	--
Dairyland Seed	DSR-0119E	Enlist E3	0.1	2.3	60.2	--	35.3	30.4	32.8
Stine Seed	002EE06	Enlist E3	00.6	--	58.7	--	--	26.7	--
Stine Seed	003EB62	Enlist E3	00.7	--	58.7	--	--	33.0	--
Stine Seed	01EE03	Enlist E3	00.9	--	55.6	--	--	41.9	--
Stine Seed	01EA63	Enlist E3	00.9	--	58.0	--	--	30.7	--
Proseed	XT70-09N	Xtend	00.9	2.5	58.3	--	39.3	32.4	35.8
Proseed	XT20-07	Xtend	00.7	3.1	58.8	--	38.6	32.2	35.4
Proseed	EL80-093N	Enlist E3	00.9	2.5	58.8	--	--	29.9	--
Hefty	H008x8	Xtend	00.8	--	58.2	--	--	28.9	--
Hefty	H009x7	Xtend	00.9	--	58.8	--	--	29.7	--
Hefty	H01x0	Xtend	0.1	--	57.7	--	--	32.3	--
Hefty	H006E	Enlist E3	00.6	--	59.0	--	--	20.3	--
Hefty	H008E1	Enlist E3	00.8	--	58.8	--	--	34.2	--
Hefty	H009E9	Enlist E3	00.9	--	57.1	--	--	34.8	--
Hefty	H02E1	Enlist E3	0.2	--	53.3	--	--	32.7	--
Hefty	H009XF	XtendFlex	00.9	--	58.9	--	--	26.0	--
Zinesto	Z0102E	Enlist E3	0.1	--	55.7	--	--	41.9	--
Zinesto	Z0100E	Enlist E3	0.1	--	57.5	--	--	28.6	--
Croplan	RX00847	Xtend	00.8	--	58.8	--	--	29.0	--
Croplan	RX00926	Xtend	00.9	--	58.7	--	--	29.8	--
NDSU	ND17009GT	GT	00.9	3.8	60.4	33.7	36.9	31.3	34.1
NDSU	ND21008GT20	GT	00.8	1.2	59.3	--	--	29.2	--
Trial Mean				2.6	57.9	40.1	38.1	34.4	--
C.V.%				19.1	1.1	14.0	5.5	8.8	--
LSD 5%				0.7	1.1	7.9	3.0	4.9	--
LSD 10%				0.6	0.9	6.6	2.5	4.1	--