

Test by: NewVenture, LLC Ellendale, MN

## 2021 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] WENDELL, MN  
Chad Biss, Grant County, MN 56531

<b>Full-Season Test</b>	1.0 - 1.5 Day CRM S2021MNNC01b
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Armezon Pro, Atrazine
<b>SOIL DESCRIPTION:</b>	Aazdahl-Formdale-Balaton Clay clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, medium K, 7.1 pH, 5.3% OM, 27.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Flexstar Gt, Ultra Blazer
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 14 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 129.7 /A

### TEST COMMENTS:

*Planting conditions were very good but on the dry side. There were some green stems on a few varieties at harvest. There were also areas of lodging noted. During a mid-July site visit, the plot looked very good despite the lack of rain. Thank you to Chad for hosting again this year. The early-season test did not have significant differences between varieties and had to be rejected.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 1372E ↗	E3	1.3	R	<b>58.8</b>	11.9	3	131.0	735	1
Apex	AE1520 ↗	E3	1.5	R	<b>55.8</b>	12.2	0	129.3	698	2
Dahlman	1111E3N GC ↗	E3,ST	1.1	R	<b>55.4</b>	12.2	5	130.0	692	3
Latham	L 1558 E3 ↗	E3	1.5	R	<b>54.5</b>	12.5	4	129.3	681	4
Zinesto	Z1302E ↗	E3	1.3	NA	<b>52.8</b>	12.3	0	130.0	660	5
Stine	11EC02 § ↗	E3	1.1	R	<b>52.2</b>	12.4	5	129.3	652	6
Zinesto	Z1101E ↗	E3	1.1	R	50.8	12.4	1	128.7	635	7
Dairyland	DSR-1450E ↗	E3	1.4	R	49.0	11.6	3	129.3	612	8
Dyna-Gro	S12XF92 ↗	RXF	1.2	R	48.9	12.5	0	129.3	611	9
Latham	L 1383 XF ↗	RXF	1.3	R	47.3	12.2	0	129.3	591	10
Latham	L 1392 E3 ↗	E3	1.3	R	46.9	12.1	11	131.3	586	11
Xitavo	XO 1451E ↗	E3	1.4	R	46.6	12.1	1	128.0	582	12
NK Brand	NK14-C7XF § ↗	RXF	1.4	R	46.1	11.6	3	130.7	576	13
Thunder	SB8010N ↗	RRX	1.0	R	46.0	11.5	1	130.7	575	14
Hefty	H14XF1 ↗	RXF	1.4	NA	45.9	11.9	2	128.3	574	15
Credenz	CZ 1171GTLL ↗	LLGT27	1.1	MR	45.9	11.8	0	128.7	574	16
Genesis	G1460E ↗	E3	1.4	R	45.8	12.1	5	131.0	572	17
Thunder	TX8215N ↗	RXF	1.5	R	45.7	12.9	0	129.0	570	18
Dyna-Gro	S15XF82 ↗	RXF	1.5	MR	45.5	12.3	0	127.7	569	19
Asgrow	AG10XF1 § ↗	RXF	1.0	R	45.3	11.6	1	129.3	566	20
Apex	AE1220 ↗	E3	1.2	R	44.7	12.0	8	129.3	559	21
Stine	14EE01 § ↗	E3	1.4	MR	44.5	12.2	0	131.0	556	22
Zinesto	Z1202E ↗	E3	1.2	NA	44.5	12.2	0	131.3	556	23
Zinesto	Z1502E ↗	E3	1.5	NA	44.0	12.1	0	129.7	550	24
Pioneer	P11A44X § ↗	RRX	1.1	R	43.8	11.9	3	129.3	548	25
NK Brand	NK14-W6E3 ↗	E3	1.4	MR	43.4	12.4	1	130.7	542	26
Dairyland	DSR-1290E ↗	E3	1.2	R	43.1	12.1	7	128.7	539	27
Loyal	L1230ES ↗	E3,ST	1.2	R	43.0	11.8	0	131.0	538	28
Thunder	TX8211N ↗	RXF	1.1	R	42.9	11.8	4	130.0	536	29
Hefty	H12XF2 ↗	RXF	1.2	NA	42.8	12.0	7	130.3	535	30
Dahlman	6015XN CK	RRX	1.5	R	41.0	12.6	0	130.0	512	41
					Averages =	<b>44.3</b>	<b>12.1</b>	<b>2</b>	<b>129.7</b>	<b>552</b>
					LSD (0.10) =	7.3	ns	4		
					LSD (0.25) =	3.8	ns	2		
Ed Dahle					C.V. =	15.5				
ed.dahle@firstseedtests.com, (507) 456-6624										Historic yield: 47.46 bu/a, 4 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$12.50

Report Date: 10/07/2021

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ New! Links to full product yield results at www.firstseedtests.com

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