

Test by: MNS Seed Testing, LLC New Richland, MN

## 2021 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] ARLINGTON, SD  
Tim Bjorklund, Brookings County, SD 57212

<b>All-Season Test</b>	1.6 - 2.3 Day CRM S2021SDEC06
<b>Top 30 of 81</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Surestart, Durango, Atrazine, Bellum
<b>SOIL DESCRIPTION:</b>	Poinsettia-Buse-Waubay sandy clay, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.2 pH, 5.2% OM, 22.0 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Sonic, Roundup, Flexstar, Volunteer
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 15 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 116.7 /A

### TEST COMMENTS:

*This plot was a no-till site planted into corn stalks. At harvest, we had some plots with yellow leaves and stems. Grain moisture was elevated in some fuller season varieties. It was a bit slow at harvest as clouds persisted and stems remained tough. The soil type was a little inconsistent and the drought reduced the yield potential.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H16X1 ↗	RRX	1.6	R	<b>76.1</b>	13.1	3	124.0	913	1
Genesis	G1760E ↗	E3	1.7	R	<b>73.7</b>	13.2	4	116.0	884	2
Zinesto	Z1702E ↗	E3	1.7	NA	<b>71.4</b>	13.4	1	109.0	856	3
Stine	17EE32 § ↗	E3	1.7	R	<b>71.2</b>	13.5	4	122.0	853	4
Hefty	H18XF2 ↗	RXF	1.8	NA	<b>71.1</b>	13.2	1	116.7	853	5
Apex	AE1720 ↗	E3	1.7	R	<b>69.8</b>	13.1	2	109.0	837	6
Latham	L 1784 XF ↗	RXF	1.7	R	<b>69.7</b>	13.4	3	117.7	836	7
Dairyland	DSR-1820E ↗	E3	1.8	R	<b>68.4</b>	12.7	1	118.0	821	8
Loyal	L1740E ↗	E3	1.7	R	<b>68.3</b>	13.1	2	119.3	819	9
Golden Harvest	GH2102XF ↗	RXF	2.1	MR	<b>67.6</b>	13.2	1	115.7	811	10
Apex	AE2020 ↗	E3	2.0	R	<b>66.9</b>	13.3	2	116.3	802	11
Xitavo	XO 1761E ↗	E3	1.7	R	66.4	12.9	1	122.7	797	12
Innotech	IS1929E3 ↗	E3	1.9	R	66.0	13.3	2	125.0	791	13
Dairyland	DSR-2040E ↗	E3	2.0	R	65.8	13.5	2	117.0	788	14
Loyal	L1940E ↗	E3	1.9	R	64.5	13.5	5	112.3	773	15
Xitavo	XO 1632E ↗	E3	1.6	R	64.2	13.1	1	121.0	770	16
Xitavo	XO 1822E ↗	E3	1.8	R	64.1	12.9	1	118.7	769	17
Thunder	TE7218N ↗	E3	1.8	R	63.7	12.6	1	120.3	764	18
Thunder	TX8220N ↗	RXF	2.0	R	63.2	12.9	1	113.7	758	19
Apex	AE1920 ↗	E3	1.9	R	62.9	13.0	9	118.0	755	20
Zinesto	Z1601E ↗	E3	1.6	R	61.4	12.9	2	115.0	737	21
REA	R1532XF ↗	RXF	1.5	NA	61.2	13.5	1	118.7	733	22
Latham	L 2049 E3 ↗	E3	2.0	R	61.0	15.3	3	112.7	727	25
Golden Harvest	GH1762XF ↗	RXF	1.7	MR	60.9	12.8	1	120.0	731	23
NK Brand	NK21-H4XF § ↗	RXF	2.1	MR	60.9	12.6	2	109.7	731	24
Golden Harvest	GH1802E3 § ↗	E3	1.8	R	60.5	12.3	1	113.5	726	26
Dairyland	DSR-2030E ↗	E3	1.9	R	60.3	12.7	1	117.0	724	27
Credenz	CZ 1859GTLL ↗	LLGT27	1.8	R	59.9	12.9	2	120.3	719	28
Genesis	G1960E ↗	E3	1.9	R	59.6	12.9	1	118.7	715	29
Latham	L 1995 E3 ↗	E3	1.9	R	59.5	13.4	2	116.7	713	30

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Averages = **58.4** **13.6** **2** **116.7** **699**

LSD (0.10) = 8.2 1.0 ns

LSD (0.25) = 4.3 0.5 ns

C.V. = 13.3

Historic yield: 51.87 bu/a, 9 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.1 Drying = \$0.035 Prices: GMO = \$12.00

Report Date: 10/08/2021

† 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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