

Test by: Southern MN FIRST New Richland, MN

## 2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] CANNON FALLS, MN  
Hernke Inc., Marc Hernke, Goodhue County, MN 55009

<b>Early-Season Test</b>	97 - 102 Day CRM B2021MNSE11a
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Flexstar, Roundup
<b>SOIL DESCRIPTION:</b>	Port Byron silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 7.3 pH, 2.9% OM, 16.9 CEC
<b>PEST MANAGEMENT:</b>	Force, Laudis, Atrazine, Trivaro
<b>FERTILITY - Applied N:</b>	75 Fall, 75 Spring
<b>Applied N-P-K (units):</b>	150-75-120
<b>SEEDED - RATE - ROW:</b>	May 3 35.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 22 33.5 /A

### TEST COMMENTS:

We set the row cleaners down here to get deep enough for good soil moisture at planting. Great seedling emergence, and the roots went deep in June. Marc commented that the yields here were amazing, considering the below-average rainfall this site received all season. Rains came at the right time, and yields responded to the high fertility here. High winds came through in early Sept, and the lodging scores reflect this event. Temperatures and GDU's were above average, even into October.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	57A4Q ↗	QR	97	<b>280.2</b>	19.4	0	34.4	1434	1
Dairyland	DS-3959Q ↗	QR	99	<b>277.6</b>	20.7	2	33.5	1410	3
Titan Pro	84-01 ↗	CONV	101	<b>275.5</b>	19.3	3	34.8	1411	2
Dairyland	DS-3727AM ↗	AM	97	<b>275.4</b>	19.4	2	31.2	1409	4
Federal	5280 VT2PRIB ↗	VT2P	102	<b>275.1</b>	19.7	1	33.5	1405	5
Golden Harvest	G02K39-5122 EZR ↗	5122	102	<b>274.4</b>	19.8	10	33.9	1401	6
Thunder	T6902 VT2P ↗	VT2P	102	<b>274.3</b>	19.7	9	32.6	1401	7
Federal	5120 STX ↗	STX	101	<b>270.8</b>	20.1	3	33.5	1381	8
NK Brand	NK0243-5122 EZR ↗	5122	102	267.6	20.0	36	33.9	1364	9
Latham	LH 5209 5222-EZ ↗	5222	102	266.4	20.3	4	33.5	1356	10
Augusta	A2150-5222-EZ ↗	5222	100	261.3	20.1	5	33.9	1332	12
Gold Country	99-01R2P ↗	VT2P	99	261.2	19.2	12	35.3	1338	11
NuTech	58B1AM ↗	AM	98	257.8	18.8	5	34.4	1324	13
Anderson	507R ↗	RR2	102	257.6	19.2	23	34.8	1320	14
Titan Pro	22-00 2P ↗	VT2P	100	257.0	20.6	2	34.8	1306	18
Latham	LH 5245 VT2P RIB ↗	VT2P	102	256.6	19.3	14	33.0	1314	15
Thunder	T8100 SS ↗	STX	100	256.1	19.2	6	34.8	1312	17
DeKalb	DKC48-68RIB GC ↗	STX	98	254.8	19.7	0	34.4	1302	20
Hefty	H4842 RIB ↗	VT2P	98	253.8	19.2	4	33.9	1300	21
Latham	LH 4957 VT2P RIB ↗	VT2P	99	253.5	19.0	6	31.7	1300	22
NK Brand	NK9991-5122 EZR ↗	5122	99	253.3	20.5	12	34.4	1288	29
Federal	4820 VT2P ↗	VT2P	98	253.1	18.4	1	33.5	1303	19
NK Brand	NK9930-5122 EZR ↗	5122	99	253.1	19.9	9	32.6	1292	27
Dahlman	R49-25VT2PRIB ↗	VT2P	98	253.0	19.0	3	33.9	1298	23
Pioneer	P9823Q GC ↗	QR	98	252.7	19.5	7	33.9	1293	24
Golden Harvest	G99E68-5122 EZR ↗	5122	99	252.3	19.2	15	35.3	1293	25
Titan Pro	11-98 2P ↗	VT2P	98	252.2	19.1	16	33.9	1293	26
Dyna-Gro	D43VC81 ↗	VT2P	102	251.7	20.8	3	32.6	1278	31
Gold Country	97-14R2P ↗	VT2P	97	251.4	18.8	2	33.0	1291	28
Titan Pro	26-00 ↗	CONV	100	250.5	19.3	2	34.8	1283	30
DeKalb	DKC51-98RIB CK	STX	101	257.9	20.3	1	29.4	1313	16

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Averages = **246.2** **19.5** **12** **33.5** **1256**

LSD (0.10) = 22.6 0.7 18

LSD (0.25) = 11.8 0.4 10

C.V. = 8.7

Historic yield: 212.38 bu/a, 20 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.25

Report Date: 10/23/2021

† 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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