

Test by: Southern MN FIRST New Richland, MN

## 2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] KASSON, MN  
Brian Herbst, Dodge County, MN 55944

<b>Full-Season Test</b>	<b>103 - 107</b> Day CRM B2021MNSE07b
<b>Top 30 of 58</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Sonic, Warrant, Flexstar, Fusilade, Miravis Nevo
<b>SOIL DESCRIPTION:</b>	Readlyn silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, high K, 6.5 pH, 5.6% OM, 25.8 CEC
<b>PEST MANAGEMENT:</b>	Force, Laudis, Atrazine, Trivapro At Vt Stage
<b>FERTILITY - Applied N:</b>	190 Spring, 15# Elemental Sulfur, 15# ATS Sulfur
<b>Applied N-P-K (units):</b>	190-95-150
<b>SEEDED - RATE - ROW:</b>	May 2 35.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 34.2 /A

### TEST COMMENTS:

The crop was planted in ideal conditions, which really helped roots to grow deep. A cold snap with no frost hit on May 27. The roots found some water in the subsoil until mid-July when the tile lines stopped flowing. The early heat in June pushed GDU's. The entire growing season was probably 10-14 days ahead of average. Some late-season diseases compromised the stalks in early maturity corn. It was very tall corn that stood quite well but had brittle stalks at harvest (no frost in the fall yet).

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	106-96RSS ↗	STX	106	<b>299.6</b>	20.6	1	35.3	1523	1
Federal	5610 CONV ↗	CONV	106	<b>294.3</b>	19.5	1	35.3	1506	2
Dairyland	DS-4510Q ↗	QR	105	<b>290.7</b>	18.8	1	33.9	1493	3
Wyffels	W5086RIB ↗	VT2P	107	<b>287.3</b>	20.6	0	33.5	1460	4
Viking	51-04 ↗	CONV	104	<b>285.5</b>	20.1	3	33.9	1455	5
Federal	5610 PCE ↗	PC,E	106	<b>284.6</b>	20.3	0	33.5	1449	6
Latham	LH 5646 PCE ↗	PC,E	106	<b>283.1</b>	20.8	0	34.8	1437	7
NuTech	64B5Q ↗	QR	104	<b>280.4</b>	19.3	1	34.4	1436	8
Titan Pro	24-04 ↗	CONV	104	<b>279.6</b>	19.2	0	35.3	1433	9
Golden Harvest	G07G73-5122 EZR ↗	5122	107	<b>278.3</b>	20.7	0	33.9	1414	10
NK Brand	NK0624-5222 EZR ↗	5222	106	273.5	20.9	0	33.5	1387	15
Enestvedt	E598 ↗	CONV	106	273.1	18.8	3	34.8	1403	11
Renk	RK710DGVT2P ↗	VT2PDG	107	272.4	18.9	3	35.3	1398	12
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	272.2	19.0	1	34.8	1397	13
Dyna-Gro	D44SS54 GC ↗	STX	104	271.6	19.4	1	34.8	1390	14
Latham	LH 5725 VT2P RIB ↗	VT2P	107	270.7	19.7	2	34.8	1383	16
NuTech	66C2Q ↗	QR	106	270.7	20.0	0	33.0	1381	17
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	268.0	19.9	0	34.4	1368	22
Wyffels	W4246RIB ↗	VT2P	105	268.0	19.3	1	35.3	1372	18
Wyffels	W4196RIB ↗	VT2P	105	267.7	19.6	1	33.9	1369	21
Pioneer	P0404Q GC ↗	QR	104	267.0	19.0	0	34.8	1370	19
Gold Country	103-58RSS ↗	STX	103	266.3	19.1	0	34.4	1365	23
Pioneer	P0622Q GC ↗	QR	106	266.0	20.3	1	34.8	1354	24
Renk	RK625DGVT2P ↗	VT2PDG	104	264.9	17.7	1	33.3	1370	20
Dahlman	R53-350SSRIB ↗	STX	106	264.4	19.6	0	33.0	1352	25
NK Brand	NK0748-5122 EZR ↗	5122	107	264.4	21.0	0	33.9	1341	28
DeKalb	DKC56-65RIB GC ↗	STX	105	262.8	20.3	0	34.4	1338	30
Dairyland	DS-4310AM ↗	AM	103	262.6	19.5	0	33.9	1343	27
Federal	5300 VT2PRIB ↗	VT2P	103	262.4	18.5	2	33.9	1350	26
Viking	84-05 ↗	CONV	105	261.1	18.9	0	34.4	1340	29
DeKalb	DKC51-98RIB CK	STX	101	233.9	18.1	0	33.5	1206	55
				<b>Averages =</b>	<b>259.2</b>	<b>19.3</b>	<b>1</b>	<b>34.2</b>	<b>1329</b>
				LSD (0.10) =	16.4	0.6	ns		
				LSD (0.25) =	8.6	0.3	ns		
				C.V. =	6.0				
				Historic yield: 217.15 bu/a, 20 yr(s)					

*Mark Querna*

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mark.querna@firstseedtests.com, (507) 380-9920

### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.25

Report Date: 10/19/2021

† 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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