

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] NERSTRAND, MN

Wheeling Grain Partnership, Keith, Kurt and Brian Schrader,
Rice County, MN 55053

Full-Season Test 103 - 107 Day CRM
B2021MNSE08b

Top 30 of 58 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Zidua Pro, Enlist,
Roundup, Volunteer

SOIL DESCRIPTION: Port Byron-Dinsmore Complex
silt loam, well drained, non-
irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, very high K, 6.2 pH,
4.2% OM, 19.3 CEC

PEST MANAGEMENT: Force, Surestart li, Laudis

FERTILITY - Applied N: 187 Spring

Applied N-P-K (units): 187-78-120

SEEDED - RATE - ROW: May 3 35.3 /A 30" spacing

HARVESTED - STAND: Oct 23 33.8 /A

TEST COMMENTS:

Planting conditions were excellent but dry, and the seed sat in the ground for 17 days before rain helped full emergence. Rainfall came "just in time" all season, with enough moisture prior to, and during silking, to allow great pollination. Corn stood well at harvest, with minor stalk lodging in some plots. The corn grew taller than normal this year, due to the warm temps and deep roots. Rainfall from May 1 through Sept was 18.9", vs. 23.6" for the long-term average.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	51-04 ↗	CONV	104	292.1	20.5	0	33.5	1486	1
Latham	LH 5646 PCE ↗	PC,E	106	288.6	20.7	0	33.9	1466	2
Wyffels	W4196RIB ↗	VT2P	105	273.9	20.3	0	33.0	1394	3
NK Brand	NK0624-5222 EZR ↗	5222	106	269.5	20.8	0	31.2	1368	4
Federal	5610 PCE ↗	PC,E	106	266.3	20.4	0	33.5	1355	5
Dairyland	DS-4510Q ↗	QR	105	263.9	19.8	0	33.5	1347	6
NK Brand	NK0748-5122 EZR ↗	5122	107	262.5	21.1	0	34.8	1330	8
Federal	5610 CONV ↗	CONV	106	262.1	20.2	0	33.5	1335	7
Titan Pro	24-04 ↗	CONV	104	260.2	20.9	0	34.8	1320	9
Dairyland	DS-4310AM ↗	AM	103	257.3	19.9	0	33.9	1313	10
Golden Harvest	G04G36-3111A EZR ↗	3111A	104	256.5	19.5	0	33.5	1312	11
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	253.2	19.9	1	34.8	1292	13
NuTech	64D1AM ↗	AM,AQ	104	253.0	19.8	0	34.4	1292	14
Dahlman	R53-350SSRIB ↗	STX	106	252.9	19.6	4	34.4	1293	12
Gold Country	106-96RSS ↗	STX	106	252.4	20.3	0	34.4	1285	15
Viking	84-05 ↗	CONV	105	250.8	19.2	1	33.9	1285	16
Enestvedt	E598 ↗	CONV	106	250.5	19.1	2	33.5	1284	17
Latham	LH 5725 VT2P RIB ↗	VT2P	107	250.2	19.9	0	35.3	1277	18
Pioneer	P0622Q GC ↗	QR	106	247.9	20.1	0	33.5	1264	19
Wyffels	W5086RIB ↗	VT2P	107	246.5	19.7	0	33.9	1259	20
DeKalb	DKC54-38RIB GC ↗	STX	104	245.5	19.7	0	33.0	1254	23
Renk	RK642VT2P ↗	VT2P	103	245.0	18.9	1	32.6	1257	21
Hefty	H5442 RIB ↗	VT2P	104	244.7	18.7	1	34.4	1257	22
NuTech	64B5Q ↗	QR	104	243.8	19.9	1	33.9	1244	24
Renk	RK710DGVT2P ↗	VT2PDG	107	242.8	19.5	3	34.4	1242	25
NK Brand	NK0472-5222 EZR ↗	5222	104	242.5	20.4	1	33.9	1234	29
Dairyland	DS-4440AM ↗	AM	104	242.5	19.7	0	34.4	1239	26
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	242.2	19.8	1	33.5	1237	27
Titan Pro	26-03 5222 ↗	5222	103	241.2	20.0	0	33.9	1230	30
Titan Pro	84-03 2P ↗	VT2P	103	241.2	19.1	0	34.8	1236	28
DeKalb	DKC51-98RIB CK	STX	101	210.5	18.8	0	28.5	1081	57

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Averages = **241.6** **19.7** **1** **33.8** **1234**

LSD (0.10) = 21.4 0.5 1

LSD (0.25) = 11.3 0.3 1

C.V. = 8.4

Historic yield: 225.42 bu/a, 2 yr(s)

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

Report Date: 10/24/2021

† 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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