

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota South [MNSO] NERSTRAND, MN

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

Ultra Early-Season Test 92 - 96 Day CRM
B2021MNSO05u

Top 30 of 35 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 II, 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 33.9 /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
Dairyland	DS-3550AM ↗	AM	95	258.9	17.2	2	34.4	1342	2
Golden Harvest	G95M41-5122 EZR ↗	5122	95	258.8	17.0	7	35.3	1343	1
Pioneer	P9489AM GC ↗	AM	94	257.8	16.6	3	34.4	1341	3
NK Brand	NK9610-5122 EZR ↗	5122	96	257.0	17.0	4	33.9	1334	4
Anderson	7865 ↗	CONV	95	253.7	16.7	3	33.5	1319	5
Renk	RK485DGVT2P ↗	VT2PDG	94	252.6	16.4	10	34.8	1316	6
Augusta	A2545-5122-EZ ↗	5122	95	251.9	16.8	6	33.0	1309	7
Enestvedt	E658DP RIB ↗	VT2P	96	248.4	16.6	1	34.4	1292	8
Federal	4520 VT2PDG ↗	VT2PDG	95	248.1	16.5	2	34.4	1291	9
Federal	4680 VT2PRIB ↗	VT2P	96	243.4	16.3	7	33.0	1268	10
Dairyland	DS-3366AM ↗	AM	93	243.3	16.7	1	33.9	1264	11
Renk	RK429-3220A ↗	3220A	93	243.2	16.7	3	33.0	1264	12
Titan Pro	85-96 ↗	CONV	96	242.4	16.4	6	33.9	1262	13
Viking	42-92 ↗	CONV	92	241.5	16.6	3	35.3	1257	14
Hefty	H4653 RIB ↗	VT2PDG	96	241.4	16.5	5	33.5	1257	15
Titan Pro	82-95 2P ↗	VT2P	95	240.6	16.8	2	33.9	1250	16
NK Brand	NK9653-5222 EZR ↗	5222	96	240.1	17.0	1	35.3	1246	17
Viking	52-96 ↗	CONV	96	239.4	17.0	10	33.5	1242	19
Enestvedt	E640DP RIB ↗	VT2P	94	239.1	16.4	1	32.6	1245	18
Wyllfells	W1466 ↗	VT2P	94	238.0	16.6	2	33.0	1238	20
Hefty	H4522 RIB ↗	VT2P	95	236.6	16.4	2	33.9	1232	21
Hefty	H4332 RIB ↗	VT2P	93	232.0	16.7	1	33.9	1206	22
Augusta	A2541-3110 ↗	3110	91	230.5	16.8	1	30.8	1198	24
Anderson	742VT2P ↗	VT2P	92	230.4	16.6	1	33.5	1199	23
Pioneer	P9492AM GC ↗	AM	94	228.2	16.2	0	34.4	1190	25
Anderson	786VT2P ↗	VT2P	95	226.1	17.1	2	33.9	1173	26
Wyllfells	W1546RIB ↗	VT2P	96	224.6	17.1	2	32.1	1165	27
Titan Pro	91-95 ↗	CONV	95	223.6	16.5	7	34.4	1164	28
Augusta	A2345-5222-EZ ↗	5222	95	223.4	17.2	2	34.4	1158	30
DeKalb	DKC45-94RIB GC ↗	STX	95	223.2	16.2	3	34.8	1164	29

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Averages = **236.1** **16.6** **3** **33.9** **1228**

LSD (0.10) = 19.2 0.4 ns

LSD (0.25) = 10.0 0.2 ns

C.V. = 7.7

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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