

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota South [MNSO] JACKSON, MN
Steve Ryberg, Jackson County, MN 56143

Ultra Early-Season Test 92 - 96 Day CRM
B2021MNSO01u

Top 30 of 35 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Sonic, Liberty, Dual,
Fusilade

SOIL DESCRIPTION: Nicollet Clay Loam clay loam,
mod. well drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, high P,
medium K, 6.5 pH, 3.9% OM,
25.0 CEC

PEST MANAGEMENT: Surpass, Force, Laudis, Atrazine

FERTILITY - Applied N: 183 Fall, 19# Sulfur

Applied N-P-K (units): 183-70-124

SEDED - RATE - ROW: May 1 35.3 /A 30" spacing

HARVESTED - STAND: Oct 14 34.0 /A

TEST COMMENTS:

We had great planting conditions, with 3.8" rain in late May. Rainfall was below average for the season, but came at opportune times and never in excess (see weather chart on the report). Temperatures were warm all season, with June being quite warm (and more dry). Plants generally stood well at harvest, with stalk lodging affecting some plots. Stalks were weak, as no frost had been recorded as of harvest, and plants put all available nutrients into the kernels.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H4653 RIB ↗	VT2PDG	96	244.3	16.9	0	33.9	1268	1
Renk	RK561DGVT2PRIB ↗	VT2PDG	95	239.7	17.4	0	31.7	1241	2
NK Brand	NK9610-5122 EZR ↗	5122	96	234.2	17.3	2	34.6	1213	3
Federal	4520 VT2PDG ↗	VT2PDG	95	232.0	16.5	1	34.8	1207	4
Pioneer	P9492AM GC ↗	AM	94	230.0	16.8	2	33.9	1195	5
Titan Pro	91-95 ↗	CONV	95	226.9	17.3	2	33.0	1176	6
Augusta	A2541-3110 ↗	3110	91	224.7	17.6	2	33.9	1162	7
Hefty	H4522 RIB ↗	VT2P	95	223.0	17.4	0	35.3	1155	8
Wyffels	W1546RIB ↗	VT2P	96	222.4	17.7	0	33.5	1150	9
Augusta	A2345-5222-EZ ↗	5222	95	221.9	18.2	2	34.4	1144	10
NK Brand	NK9653-5222 EZR ↗	5222	96	218.6	18.4	0	33.5	1125	12
Pioneer	P9489AM GC ↗	AM	94	218.2	17.2	6	34.4	1131	11
DeKalb	DKC45-94RIB GC ↗	STX	95	217.4	17.8	0	34.8	1123	14
Golden Harvest	G95M41-5122 EZR ↗	5122	95	216.4	16.9	3	33.9	1124	13
Enestvedt	E640DP RIB ↗	VT2P	94	213.8	16.8	1	33.9	1111	15
Anderson	7865 ↗	CONV	95	213.7	17.2	6	34.4	1108	16
Anderson	742VT2P ↗	VT2P	92	210.4	17.3	0	32.6	1090	17
Federal	4680 VT2PRIB ↗	VT2P	96	208.8	16.9	0	33.5	1085	18
Augusta	A2545-5122-EZ ↗	5122	95	207.7	17.6	1	33.0	1074	20
Wyffels	W1466 ↗	VT2P	94	207.2	17.2	3	34.8	1074	21
Titan Pro	85-96 ↗	CONV	96	206.9	16.8	6	33.9	1075	19
Viking	52-96 ↗	CONV	96	206.5	17.0	4	33.9	1072	22
Renk	RK485DGVT2P ↗	VT2PDG	94	203.6	16.8	1	34.4	1058	23
Renk	RK429-3220A ↗	3220A	93	203.3	17.3	2	33.5	1054	24
Dairyland	DS-3550AM ↗	AM	95	202.4	17.8	7	34.4	1046	25
Dairyland	DS-3366AM ↗	AM	93	201.6	17.2	3	34.4	1045	26
Hefty	H4332 RIB ↗	VT2P	93	200.9	16.8	1	33.9	1044	27
Titan Pro	20-92 ↗	CONV	92	200.7	17.2	3	34.8	1041	28
Viking	42-92 ↗	CONV	92	200.1	17.1	0	34.4	1038	29
Anderson	786VT2P ↗	VT2P	95	195.0	17.4	0	33.9	1010	30

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Averages = **210.6** **17.2** **2** **34.0** **1093**

LSD (0.10) = 21.9 0.4 2

LSD (0.25) = 11.5 0.2 1

C.V. = 9.8

Historic yield: 202.02 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.25

Report Date: 10/15/2021

† 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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