

Test by: Southern MN FIRST New Richland, MN

## 2021 Corn Grain Top 30 Harvest Report

Minnesota South [MNSO] EYOTA, MN

Arthur & Paul Wendt, Olmstead County, MN 55934

**Ultra Early-Season Test** 92 - 96 Day CRM  
B2021MNSO06u

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

**PREV. CROP/HERB:** Corn, 2+ Yr / Verdict, Force,  
Laudis, Atrazine, Headline Amp

**SOIL DESCRIPTION:** Floyd silt loam, mod. well  
drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, high P,  
low K, 6.3 pH, 8.4% OM, 29.5  
CEC

**PEST MANAGEMENT:** Force, Laudis, Atrazine

**FERTILITY - Applied N:** 210 Spring, 18# AMS, Elemental  
Sulfur in fall

**Applied N-P-K (units):** 210-54-40

**SEEDED - RATE - ROW:** Apr 26 35.3 /A 30" spacing

**HARVESTED - STAND:** Oct 19 32.6 /A

### TEST COMMENTS:

Soils were loose when we seeded this 4th-year corn-on-corn site. A frost on May 27 caused damage to some plots, but no lingering effect was seen at harvest. Paul said the worst of the frost missed the plot. A warm and dry June forced corn roots to grow deep, as rain did not arrive until just prior to and during pollination. Rains came just in time all season, with Paul stating this was his best crop ever. Last year was his previous best corn crop. The corn stood well, but Tar Spot showed up late in the season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P9489AM GC ↗	AM	94	<b>251.0</b>	17.5	0	32.6	1299	1
Titan Pro	85-96 ↗	CONV	96	<b>242.5</b>	16.2	0	33.5	1264	2
Golden Harvest	G95M41-5122 EZR ↗	5122	95	<b>235.9</b>	16.7	0	32.6	1227	3
NK Brand	NK9610-5122 EZR ↗	5122	96	<b>235.7</b>	16.4	1	33.5	1227	4
Federal	4520 VT2PDG ↗	VT2PDG	95	<b>235.1</b>	16.7	0	30.8	1222	5
Hefty	H4522 RIB ↗	VT2P	95	233.4	16.6	0	32.1	1214	6
DeKalb	DKC45-94RIB GC ↗	STX	95	233.3	16.7	0	33.0	1213	7
Dairyland	DS-3550AM ↗	AM	95	232.2	17.1	0	33.5	1204	11
Viking	42-92 ↗	CONV	92	232.1	16.2	0	33.0	1210	8
Augusta	A2545-5122-EZ ↗	5122	95	232.0	16.6	0	33.9	1207	9
Titan Pro	91-95 ↗	CONV	95	231.2	16.3	0	33.0	1205	10
Hefty	H4653 RIB ↗	VT2PDG	96	230.1	17.0	0	31.7	1194	12
Viking	52-96 ↗	CONV	96	228.7	16.1	0	32.6	1193	13
Renk	RK485DGVT2P ↗	VT2PDG	94	227.4	17.3	0	32.1	1178	14
Titan Pro	82-95 2P ↗	VT2P	95	225.1	17.2	0	32.1	1167	16
Augusta	A2541-3110 ↗	3110	91	224.5	16.3	0	33.0	1170	15
Wyffels	W1466 ↗	VT2P	94	222.8	17.2	0	32.1	1155	20
Pioneer	P9492AM GC ↗	AM	94	222.7	16.2	0	33.0	1161	17
Augusta	A2345-5222-EZ ↗	5222	95	222.4	17.1	0	33.9	1153	23
Renk	RK429-3220A ↗	3220A	93	221.8	16.1	0	34.4	1157	18
Federal	4680 VT2PRIB ↗	VT2P	96	221.6	15.9	0	32.6	1157	19
Anderson	786VT2P ↗	VT2P	95	221.6	16.3	0	33.9	1155	21
Enestvedt	E640DP RIB ↗	VT2P	94	221.1	16.0	0	33.9	1154	22
Enestvedt	E658DP RIB ↗	VT2P	96	220.9	16.6	0	32.1	1149	24
Dairyland	DS-3366AM ↗	AM	93	216.5	15.8	0	33.0	1132	25
Anderson	7865 ↗	CONV	95	215.5	16.4	0	32.6	1123	26
NK Brand	NK9653-5222 EZR ↗	5222	96	214.2	17.5	0	33.0	1108	27
Titan Pro	20-92 ↗	CONV	92	211.4	15.8	0	33.5	1105	28
Renk	RK561DGVT2PRIB ↗	VT2PDG	95	211.4	16.7	0	33.0	1099	30
Hefty	H4322 RIB ↗	VT2P	93	211.2	16.2	0	32.6	1101	29

Mark Querna

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Averages = **222.8** **16.5** **0** **32.6** **1159**

LSD (0.10) = 12.4 0.4 ns

LSD (0.25) = 6.5 0.2 ns

C.V. = 5.3 Historic yield: 209.04 bu/a, 19 yr(s)

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

Report Date: 10/21/2021

† 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](http://www.firstseedtests.com)

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