

Test by: Southern MN FIRST New Richland, MN

## 2021 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] TRUMAN, MN

Dan Helvig, Martin County, MN 56088

**Full-Season Test** 103 - 107 Day CRM  
B2021MNSW05b

**Top 30 of 69** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Corn, 2+ Yr / Surestart,  
Roundup

**SOIL DESCRIPTION:** Canisteo-Glenco Complex loam,  
mod. well drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, low P,  
medium K, 6.8 pH, 5.1% OM,  
27.8 CEC

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

**FERTILITY - Applied N:** 160 Fall, 35 Sidedress

**Applied N-P-K (units):** 195-200-150

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

**HARVESTED - STAND:** Oct 16 33.6 /A

### TEST COMMENTS:

Soil was loose and dry at planting (3rd year of corn-on-corn). Soil moisture and light rains got the seeds growing slowly through a hot June. Rains just before, and at pollination, helped immensely, but the corn started drying up in July. Light rains in August could not keep the plants from continuing to shut down. Still, Dan has seen above-average yields on his fields. He plants mostly full-season corn, which is helped by warm temps into Oct. The field around the plot yielded 190 bpa and other fields averaged 250 bpa.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	G07G73-5122 EZR ↗	5122	107	<b>235.6</b>	18.9	0	33.0	1209	1
Wyffels	W4588 ↗	STX	105	<b>221.2</b>	17.3	0	33.5	1146	2
Anderson	472SRC ↗	STX	106	<b>220.1</b>	17.7	6	34.4	1138	3
Epley	E1530 ↗	CONV	105	<b>219.5</b>	18.5	0	32.6	1130	4
Enestvedt	E598 ↗	CONV	106	<b>212.5</b>	18.1	2	33.0	1096	5
Titan Pro	84-03 2P ↗	VT2P	103	208.3	17.6	3	33.9	1078	6
Latham	LH 5646 PCE ↗	PC,E	106	208.2	18.6	24	33.9	1071	7
Augusta	A2856-3220-EZ ↗	3220	106	207.8	18.6	0	32.6	1069	8
Federal	5610 PCE ↗	PC,E	106	207.7	18.6	1	32.6	1068	9
Gold Country	105-66DR2P ↗	VT2PDG	105	204.7	17.4	2	33.5	1060	10
Federal	5610 CONV ↗	CONV	106	203.7	18.5	2	33.9	1048	11
Integra	5529 VT2PRIB ↗	VT2P	105	202.4	18.1	2	33.5	1044	12
NK Brand	NK0748-5122 EZR ↗	5122	107	200.5	18.9	17	33.5	1029	15
Hefty	H5432 RIB ↗	VT2P	104	199.9	17.7	1	34.8	1033	13
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	199.3	18.1	2	34.4	1028	16
Renk	RK625DGVT2P ↗	VT2PDG	104	198.5	16.6	1	33.5	1032	14
Federal	5510 VT2PRIB ↗	VT2P	105	197.7	17.1	11	33.5	1025	17
Viking	84-05 ↗	CONV	105	197.2	17.8	6	33.5	1019	18
DeKalb	DKC56-65RIB GC ↗	STX	105	197.1	17.7	0	33.9	1019	19
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	196.1	17.8	13	33.9	1013	20
Gold Country	106-96RSS ↗	STX	106	195.5	17.4	21	34.4	1012	21
Heine	7520STX ↗	STX	105	195.2	17.6	0	31.7	1009	22
Enestvedt	E539 ↗	CONV	103	193.7	17.5	3	33.5	1002	23
Titan Pro	24-04 ↗	CONV	104	193.5	17.8	3	33.5	1000	24
Wyffels	W5086RIB ↗	VT2P	107	192.1	18.7	2	33.0	987	27
Titan Pro	82-04 2P ↗	VT2P	104	191.3	17.7	2	32.6	989	25
DeKalb	DKC54-38RIB GC ↗	STX	104	191.1	17.7	1	33.0	988	26
Integra	5682 VT2PRIB ↗	VT2P	106	191.1	18.2	8	33.5	985	29
Latham	LH 5725 VT2P RIB ↗	VT2P	107	190.1	17.0	0	33.5	986	28
Integra	5719 VT2PRIB ↗	VT2P	107	189.8	18.1	2	33.0	979	30
DeKalb	DKC51-98RIB CK	STX	101	171.6	16.8	0	32.1	892	47

*Mark Querna*

Mark Querna

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

Averages = **184.8** **17.9** **5** **33.6** **954**

LSD (0.10) = 26.2 0.7 11

LSD (0.25) = 13.7 0.3 6

C.V. = 13.5

Historic yield: 199.14 bu/a, 2 yr(s)

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

Report Date: 10/17/2021

† 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

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)