

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] MANKATO, MN
Greg Scheurer, Blue Earth County, MN 56001

Full-Season Test	103 - 107 Day CRM B2021MNSW03b
Top 30 of 69	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Extendmax, Roundup
SOIL DESCRIPTION:	Cordova Clay Loam clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, high K, 6.0 pH, 6.4% OM, 31.7 CEC
PEST MANAGEMENT:	Volley, Impact, Atrazine
FERTILITY - Applied N:	150 Fall, 18 Spring
Applied N-P-K (units):	168-170-140
SEDED - RATE - ROW:	Apr 29 35.3 /A 30" spacing
HARVESTED - STAND:	Oct 27 33.5 /A

TEST COMMENTS:

Planting conditions were excellent here. We took stand counts on June 10; it was 95 degrees and humid, but the corn roots had not gotten down to find nitrogen yet. The plant color was much better 10 days later. Roots had to go deep in June, and this helped plants to get through the season. Greg noted that this field was lower yielding than other fields that were only a mile away, because this site received less rain. Plants were average height here vs. some fields where corn was 10' tall. Lodging was low, which was a nice way to finish harvesting FIRST corn plots for the year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Latham	LH 5725 VT2P RIB ↗	VT2P	107	246.9	17.5	0	33.9	1277	1
Epley	E1530 ↗	CONV	105	246.5	18.0	0	34.8	1272	2
Latham	LH 5646 PCE ↗	PC,E	106	244.8	18.3	0	34.4	1261	4
Wyffels	W4588 ↗	STX	105	243.5	16.9	0	33.0	1265	3
DenBesten	DB38-06 ↗	CONV	106	242.8	17.3	0	34.4	1258	5
Viking	84-05 ↗	CONV	105	242.5	17.6	0	33.9	1254	6
Integra	5719 VT2PRIB ↗	VT2P	107	241.1	17.4	0	34.8	1249	7
Federal	5610 CONV ↗	CONV	106	240.3	17.3	0	34.4	1245	8
Titan Pro	24-04 ↗	CONV	104	239.0	18.5	0	33.9	1230	9
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	233.5	18.0	0	32.6	1205	10
Heine	740VT2PRIB ↗	VT2P	103	231.7	16.8	0	33.0	1204	11
Wyffels	W4196RIB ↗	VT2P	105	231.4	17.3	0	35.3	1199	12
Heine	7730VT2PRO ↗	VT2P	107	230.7	16.7	0	33.5	1199	13
Golden Harvest	G07G73-5122 EZR ↗	5122	107	229.2	18.5	0	33.0	1179	14
Augusta	A2856-3220-EZ ↗	3220	106	227.8	17.5	0	31.2	1179	15
DeKalb	DKC56-65RIB GC ↗	STX	105	226.7	18.1	0	34.8	1169	16
Innotech	IC5480-3111A ↗	3111A	104	225.6	18.0	0	34.8	1164	17
Enestvedt	E598 ↗	CONV	106	225.1	18.3	0	31.7	1160	18
Gold Country	106-96RSS ↗	STX	106	224.7	17.9	0	34.6	1160	19
DenBesten	DB32-07 ↗	CONV	107	223.2	18.2	0	33.9	1150	22
Integra	5682 VT2PRIB ↗	VT2P	106	223.1	18.2	3	32.1	1150	23
Gold Country	103-58RSS ↗	STX	103	222.6	17.1	0	32.6	1155	20
Heine	7570STX ↗	STX	105	222.0	17.6	0	34.4	1148	24
Enestvedt	E539 ↗	CONV	103	221.9	16.8	0	34.8	1153	21
Renk	RK710DGVT2P ↗	VT2PDG	107	221.6	17.7	0	32.1	1145	25
Miller Hybrids	M02-73D2 EZ ↗	5122	103	220.0	17.8	0	33.5	1137	27
Golden Harvest	G04G36-3111A EZR ↗	3111A	104	220.0	17.8	0	33.9	1136	28
Hefty	H5655 ↗	TRE	106	219.8	17.0	0	33.9	1141	26
Anderson	472SRC ↗	STX	106	218.2	17.7	0	33.5	1128	30
Heine	7520STX ↗	STX	105	218.0	17.1	0	33.0	1131	29
DeKalb	DKC51-98RIB CK	STX	101	214.2	16.6	0	30.8	1114	38
				Averages =	216.5	17.6	0	33.5	1120
				LSD (0.10) =	19.1	0.5	1		
				LSD (0.25) =	10.0	0.3	0		
				C.V. =	8.4				
Mark Querna mark.querna@firstseedtests.com, (507) 380-9920				Historic yield: 222.05 bu/a, 2 yr(s)					

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

Report Date: 10/27/2021

† 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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