

Test by: Southern MN FIRST New Richland, MN

## 2021 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] JACKSON, MN  
Steve Ryberg, Jackson County, MN 56143

<b>Full-Season Test</b>	103 - 107 Day CRM B2021MNSW01b
<b>Top 30 of 69</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Sonic, Liberty, Dual, Fusilade
<b>SOIL DESCRIPTION:</b>	Nicollet Clay Loam clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, medium K, 6.5 pH, 3.9% OM, 25.0 CEC
<b>PEST MANAGEMENT:</b>	Surpass, Force, Laudis, Atrazine
<b>FERTILITY - Applied N:</b>	183 Fall, 19# Sulfur
<b>Applied N-P-K (units):</b>	183-70-124
<b>SEDED - RATE - ROW:</b>	May 1 35.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 14 33.8 /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
Latham	LH 5725 VT2P RIB ↗	VT2P	107	<b>267.6</b>	20.2	0	34.4	1363	1
Wyffels	W5086RIB ↗	VT2P	107	<b>261.9</b>	20.0	0	33.5	1336	2
Augusta	A2856-3220-EZ ↗	3220	106	<b>258.9</b>	20.1	3	33.5	1320	3
Dyna-Gro	D44SS54 GC ↗	STX	104	<b>255.7</b>	19.3	1	33.9	1310	4
Integra	5529 VT2PRIB ↗	VT2P	105	<b>253.7</b>	19.0	0	33.0	1301	5
Pioneer	P0622Q GC ↗	QR	106	<b>250.3</b>	19.3	0	34.4	1282	6
Integra	5719 VT2PRIB ↗	VT2P	107	<b>250.2</b>	20.2	0	33.9	1274	7
DeKalb	DKC56-65RIB GC ↗	STX	105	249.4	19.8	0	35.3	1273	9
NK Brand	NK0624-5222 EZR ↗	5222	106	248.5	19.5	0	32.1	1271	10
Integra	5682 VT2PRIB ↗	VT2P	106	248.3	19.0	1	31.7	1274	8
Golden Harvest	G07G73-5122 EZR ↗	5122	107	246.8	21.3	0	32.1	1249	15
Rob-See-Co	RC5323-5222-EZ ↗	5222	103	245.9	20.0	0	34.4	1254	13
Federal	5610 CONV ↗	CONV	106	245.9	19.1	3	33.9	1261	12
Enestvedt	E598 ↗	CONV	106	245.5	18.6	0	34.8	1263	11
Hefty	H5655 ↗	TRE	106	243.4	18.6	0	34.8	1251	14
Miller Hybrids	M02-73D2 EZ ↗	5122	103	243.0	18.9	0	34.4	1248	16
Renk	RK710DGVT2P ↗	VT2PDG	107	242.7	20.4	0	33.0	1235	20
Gold Country	103-58RSS ↗	STX	103	242.5	18.6	0	32.6	1247	17
Gold Country	106-96RSS ↗	STX	106	242.4	19.9	0	33.5	1237	19
NK Brand	NK0472-5222 EZR ↗	5222	104	242.3	19.1	0	34.4	1242	18
DenBesten	DB32-07 ↗	CONV	107	240.8	19.9	0	34.4	1229	22
Epley	E1530 ↗	CONV	105	240.7	19.3	0	33.0	1233	21
DenBesten	DB38-06 ↗	CONV	106	239.0	19.4	3	31.7	1223	26
Heine	7570STX ↗	STX	105	238.8	18.7	0	34.4	1227	23
Heine	7450VT2PRO ↗	VT2P	104	237.8	18.3	4	34.4	1225	24
Renk	RK642VT2P ↗	VT2P	103	237.1	17.8	0	33.0	1225	25
Wyffels	W4246RIB ↗	VT2P	105	236.9	18.6	0	32.6	1218	28
Viking	51-04 ↗	CONV	104	236.7	18.3	0	34.8	1219	27
Titan Pro	82-04 2P ↗	VT2P	104	236.5	18.5	0	33.5	1217	29
Heine	740VT2PRIB ↗	VT2P	103	235.6	18.3	1	33.5	1214	30
DeKalb	DKC51-98RIB CK	STX	101	205.4	17.7	0	30.8	1062	65
				<b>Averages =</b>	<b>229.1</b>	<b>18.9</b>	<b>1</b>	<b>33.8</b>	<b>1176</b>
				<b>LSD (0.10) =</b>	20.6	0.8	5		
				<b>LSD (0.25) =</b>	10.8	0.4	2		
				<b>C.V. =</b>	8.5				
				Historic yield: 202.02 bu/a, 19 yr(s)					

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**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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