

Test by: Southern MN FIRST New Richland, MN

## 2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] NEW RICHLAND, MN  
Leon Schoenrock, Waseca County, MN 56072

<b>Full-Season Test</b>	103 - 107 Day CRM B2021MNSE10b
<b>Top 30 of 58</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Flexstar, Section Three
<b>SOIL DESCRIPTION:</b>	Madelia Silty Clay Loam silty clay loam, mod. well drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, medium P, medium K, 6.1 pH, 5.9% OM, 33.5 CEC
<b>PEST MANAGEMENT:</b>	Force, Laudis, Atrazine 4l
<b>FERTILITY - Applied N:</b>	149 Spring
<b>Applied N-P-K (units):</b>	149-65-120
<b>SEEDED - RATE - ROW:</b>	Apr 24 35.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 29 34.0 /A

### TEST COMMENTS:

Soil planting conditions were good, with enough soil moisture for germination. A cold rain fell on May 28th, then June was very dry and hot, forcing the roots to go deep for moisture. Good rains fell during pollination. August was warm and dry again, but rain at the end of the month helped full-season corn finish strong. Harvest stands were excellent, but some hybrids showed signs of stalk and root lodging.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	<b>266.1</b>	20.6	0	34.8	1353	2
Dahlman	R53-350SSRIB ↗	STX	106	<b>266.0</b>	21.3	0	33.0	1346	3
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	<b>265.6</b>	19.9	12	34.8	1355	1
Viking	51-04 ↗	CONV	104	<b>263.2</b>	20.7	0	33.9	1337	4
Latham	LH 5646 PCE ↗	PC,E	106	<b>262.0</b>	21.2	3	34.4	1327	5
DeKalb	DKC56-65RIB GC ↗	STX	105	<b>259.3</b>	21.4	0	33.9	1312	6
Gold Country	106-96RSS ↗	STX	106	<b>258.2</b>	20.9	0	34.4	1310	7
NK Brand	NK0624-5222 EZR ↗	5222	106	<b>258.0</b>	21.9	0	33.9	1301	10
Federal	5610 CONV ↗	CONV	106	257.5	20.8	0	34.8	1307	8
Pioneer	P0622Q GC ↗	QR	106	257.5	22.2	0	34.4	1297	13
Titan Pro	24-04 ↗	CONV	104	256.7	21.5	6	34.4	1298	12
Enestvedt	E598 ↗	CONV	106	256.3	20.9	0	34.4	1300	11
Renk	RK710DGVT2P ↗	VT2PDG	107	256.3	20.6	2	32.6	1303	9
Dairyland	DS-4510Q ↗	QR	105	255.2	20.9	0	35.3	1294	15
Latham	LH 5725 VT2P RIB ↗	VT2P	107	254.2	21.4	0	33.9	1286	16
Dairyland	DS-4310AM ↗	AM	103	253.9	19.8	0	33.9	1296	14
Federal	5610 PCE ↗	PC,E	106	253.7	21.8	0	33.0	1280	17
Wyffels	W5086RIB ↗	VT2P	107	253.4	22.0	0	34.8	1277	18
NK Brand	NK0748-5122 EZR ↗	5122	107	251.6	23.8	4	34.4	1255	20
Golden Harvest	G07G73-5122 EZR ↗	5122	107	250.4	23.3	10	34.4	1252	23
NuTech	64B5Q ↗	QR	104	248.0	21.3	0	34.4	1255	21
Hefty	H5655 ↗	TRE	106	246.7	19.0	0	34.4	1266	19
Wyffels	W4196RIB ↗	VT2P	105	244.9	20.6	0	34.8	1245	24
DeKalb	DKC54-38RIB GC ↗	STX	104	244.4	19.1	0	34.8	1253	22
Golden Harvest	G04G36-3111A EZR ↗	3111A	104	243.7	20.7	0	33.5	1238	25
Viking	84-05 ↗	CONV	105	243.6	20.6	0	33.5	1238	26
Dahlman	R52-26VT2PRIB ↗	VT2P	104	242.8	20.2	0	32.1	1237	27
NK Brand	NK0472-5222 EZR ↗	5222	104	242.4	20.7	0	33.5	1231	29
Latham	LH 5377 VT2P RIB ↗	VT2P	103	242.2	20.3	0	34.4	1233	28
Renk	RK625DGVT2P ↗	VT2PDG	104	239.7	18.8	13	34.4	1231	30
DeKalb	DKC51-98RIB CK	STX	101	222.7	19.9	0	29.4	1136	52

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Averages = **241.6** **20.5** **1** **34.0** **1228**

LSD (0.10) = 16.2 0.8 ns

LSD (0.25) = 8.5 0.4 ns

C.V. = 6.4

Historic yield: 202.64 bu/a, 20 yr(s)

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

Report Date: 09/30/2021

† 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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