

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] CANNON FALLS, MN
Hernke Inc., Marc Hernke, Goodhue County, MN 55009

Full-Season Test	103 - 107 Day CRM B2021MNSE11b
Top 30 of 58	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Flexstar, Roundup
SOIL DESCRIPTION:	Port Byron silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 7.3 pH, 2.9% OM, 16.9 CEC
PEST MANAGEMENT:	Force, Laudis, Atrazine, Trivaro
FERTILITY - Applied N:	75 Fall, 75 Spring
Applied N-P-K (units):	150-75-120
SEEDED - RATE - ROW:	May 3 35.3 /A 30" spacing
HARVESTED - STAND:	Oct 22 33.9 /A

TEST COMMENTS:

We set the row cleaners down here to get deep enough for good soil moisture at planting. Great seedling emergence, and the roots went deep in June. Marc commented that the yields here were amazing, considering the below-average rainfall this site received all season. Rains came at the right time, and yields responded to the high fertility here. High winds came through in early Sept, and the lodging scores reflect this event. Temperatures and GDU's were above average, even into October.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Enestvedt	E598 ↗	CONV	106	287.0	20.3	3	34.8	1461	1
Wyffels	W4196RIB ↗	VT2P	105	281.9	21.6	6	33.9	1424	2
Wyffels	W4246RIB ↗	VT2P	105	279.5	21.8	2	34.8	1410	4
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	278.2	20.7	11	33.5	1413	3
DeKalb	DKC56-65RIB GC ↗	STX	105	277.1	21.5	3	34.4	1401	5
Wyffels	W5086RIB ↗	VT2P	107	276.9	21.9	4	33.9	1396	6
Viking	51-04 ↗	CONV	104	273.9	21.3	4	33.9	1386	7
NuTech	66C2Q ↗	QR	106	273.0	22.1	8	34.4	1375	8
Gold Country	106-96RSS ↗	STX	106	271.8	22.4	5	34.8	1367	9
Federal	5610 PCE ↗	PC,E	106	270.1	21.7	15	33.9	1364	10
Pioneer	P0622Q GC ↗	QR	106	264.7	21.7	7	33.9	1336	12
Renk	RK642VT2P ↗	VT2P	103	262.2	20.3	7	34.4	1335	13
Renk	RK710DGVT2P ↗	VT2PDG	107	262.1	21.1	4	33.0	1328	14
Federal	5610 CONV ↗	CONV	106	261.3	21.9	4	34.4	1317	15
NK Brand	NK0472-5222 EZR ↗	5222	104	260.0	21.9	31	34.8	1311	17
NuTech	64D1AM ↗	AM,AQ	104	258.9	21.7	26	34.8	1307	18
Pioneer	P0507Q GC ↗	QR	105	258.9	22.2	3	34.8	1303	20
Hefty	H5432 RIB ↗	VT2P	104	258.8	20.7	10	33.5	1314	16
Titan Pro	26-03 5222 ↗	5222	103	257.5	22.3	11	34.8	1296	23
Wyffels	W4358RIB ↗	STX	106	257.3	21.0	2	33.5	1304	19
NK Brand	NK0624-5222 EZR ↗	5222	106	257.2	21.9	6	33.9	1297	22
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	256.8	21.3	39	33.0	1299	21
Dairyland	DS-4310AM ↗	AM	103	256.2	21.8	11	32.1	1293	24
Latham	LH 5646 PCE ↗	PC,E	106	254.5	21.7	26	33.9	1285	27
Viking	84-05 ↗	CONV	105	253.9	21.3	9	34.4	1285	28
Latham	LH 5377 VT2P RIB ↗	VT2P	103	253.5	20.6	6	33.0	1289	25
Federal	5700 VT2P ↗	VT2P	107	252.6	21.0	15	33.5	1281	29
Titan Pro	84-03 2P ↗	VT2P	103	252.5	20.0	17	34.4	1287	26
DeKalb	DKC54-38RIB GC ↗	STX	104	250.8	20.9	11	33.0	1272	31
Gold Country	105-66DR2P ↗	VT2PDG	105	250.1	20.4	5	34.0	1273	30
DeKalb	DKC51-98RIB CK	STX	101	264.0	20.6	6	31.7	1342	11
				Averages =	242.1	21.2	18	33.9	1222
				LSD (0.10) =	24.0	0.8	17		
				LSD (0.25) =	12.6	0.4	9		
				C.V. =	9.4				
Mark Querna mark.querna@firstseedtests.com, (507) 380-9920				Historic yield: 212.38 bu/a, 20 yr(s)					

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

Report Date: 10/23/2021

† 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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