

Test by: NewVenture, LLC Ellendale, MN

## 2021 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] MILACA, MN

Kevin Schreur, Mille Lacs County, MN 56353

<b>All-Season Test</b>	86 - 95 Day CRM B2021MNEC05
<b>Top 30 of 43</b>	For Gross Income (Sorted by Yield) Average of (2) Replications
<b>PREV. CROP/HERB:</b>	Corn / Armezon Pro, Atrazine
<b>SOIL DESCRIPTION:</b>	Longsiding-Grasston Complex silt loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 5.3 pH, 2.8% OM, 12.6 CEC
<b>PEST MANAGEMENT:</b>	Armezon Pro, Atrazine
<b>FERTILITY - Applied N:</b>	55 Spring, 70 Sidedress
<b>Applied N-P-K (units):</b>	125-16-45
<b>SEDED - RATE - ROW:</b>	May 6 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 2 32.6 /A

### TEST COMMENTS:

*This is a very flat and uniform plot site. This site was very dry at planting. Kevin noted that they did not get much rain at all from June until mid-August. The plants were standing well at harvest with a few isolated spots of stalk lodging noted. This site just needed more rain to reach its full yield potential. Due to lower yields and variability from drought stress, one replicate of the test was removed.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P9492AM GC ↗	AM	94	<b>186.3</b>	16.9	1	32.7	922	1
Dairyland	DS-3193AM ↗	AM	91	180.7	16.5	1	33.4	897	2
Golden Harvest	G90S99-5222 EZR ↗	5222	90	180.1	17.8	0	31.2	888	6
Federal	4520 VT2PDG ↗	VT2PDG	95	179.9	17.1	0	32.7	890	4
Federal	4300 VT2PRIB ↗	VT2P	93	179.7	16.8	0	31.2	891	3
Dairyland	DS-3162Q ↗	QR	91	179.7	17.0	0	31.9	890	5
Dairyland	DS-3550AM ↗	AM	95	178.1	18.1	0	32.0	877	8
Hefty	H4052 ↗	VT2P	90	177.8	16.8	0	31.2	881	7
Hefty	H3712 RIB ↗	VT2P	87	174.7	16.2	0	33.4	868	9
Hefty	H4322 RIB ↗	VT2P	93	174.2	17.0	0	30.5	862	10
Dairyland	DS-3022AM ↗	AM	90	173.1	16.9	1	31.9	857	12
Hefty	H4032 RIB ↗	VT2P	90	172.9	16.1	1	29.8	860	11
Latham	LH 4517 VT2P RIB GC ↗	VT2P	95	171.9	17.1	0	34.1	850	13
Gold Country	86-12R2P ↗	VT2P	86	171.1	16.4	0	33.4	850	14
Renk	RK485DGV2P ↗	VT2PDG	94	170.3	17.7	1	34.1	840	16
Renk	RK429-3220A ↗	3220A	93	170.0	17.4	4	34.1	840	17
Gold Country	90-07R2P ↗	VT2P	90	169.5	16.3	0	33.4	842	15
Renk	RK297VT2P ↗	VT2P	89	167.9	16.3	0	32.7	834	18
Hefty	H4522 RIB ↗	VT2P	95	167.3	17.4	1	32.7	827	19
Renk	RK315VT2P ↗	VT2P	90	165.1	16.7	0	30.5	819	20
Gold Country	95-03R2P ↗	VT2P	95	165.0	17.5	0	30.5	814	22
Enestvedt	E612RR ↗	RR2	92	164.9	17.3	0	32.7	815	21
Augusta	A2545-5122-EZ ↗	5122	95	163.6	18.4	0	34.8	804	24
Augusta	A2541-3110 ↗	3110	91	162.8	17.3	8	31.9	805	23
Dahlman	R45-25VT2PRIB ↗	VT2P	90	162.0	16.3	2	32.7	804	25
Hefty	H3632 RIB ↗	VT2P	86	160.3	15.6	0	29.8	799	26
Gold Country	94-44RSS ↗	STX	94	159.0	17.2	0	34.1	786	27
Dahlman	R47-24VT2PRIB ↗	VT2P	94	158.0	17.5	0	34.1	780	28
Hefty	H3922 RIB ↗	VT2P	89	157.6	17.1	0	33.4	780	29
Renk	RK312VT2PRIB ↗	VT2P	90	156.8	16.1	4	33.4	780	30

Averages = **161.7**    **16.9**    **1**    **32.6**    **801**

LSD (0.10) = 20.4    0.6    ns

LSD (0.25) = 10.7    0.3    ns

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C.V. = 9.7

Historic yield: 193.47 bu/a, 4 yr(s)

**Yield & Income Factors:**    Base Moisture = 15.0%    Shrink = 1.3    Drying = \$0.025    Prices: GMO = \$5.00

Report Date: 11/03/2021

† 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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