

Test by: NewVenture, LLC Ellendale, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] CLEAR LAKE, MN

A & L Peterson Farms, Inc, Ryan Peterson, Sherburne County, MN 55319

All-Season Test	86 - 95 Day CRM B2021MNEC04
Top 30 of 43	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Dry Beans / NA
SOIL DESCRIPTION:	Sandberg - Arvilla Complex sandy loam, well drained, irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.6 pH, 2.3% OM, 12.0 CEC
PEST MANAGEMENT:	Acuron, Rounup Power Max
FERTILITY - Applied N:	231 Sidedress, 26 lbs of S was also applied,
Applied N-P-K (units):	231-135-0
SEEDED - RATE - ROW:	May 6 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 33.2 /A

TEST COMMENTS:

This is a very uniform plot site. The corn was very tall and the ears were large and filled to the tips. Ryan noted that this was a good year to have irrigation due to the overall lack of rain. Overall this was a very good plot. Thank you to Ryan for hosting again this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK485DGV2P ↗	VT2PDG	94	251.6	17.8	5	34.1	1366	1
Federal	4520 VT2PDG ↗	VT2PDG	95	249.8	18.1	0	34.3	1355	2
Dahlman	R47-24VT2PRIB ↗	VT2P	94	242.7	17.7	0	34.8	1318	3
Latham	LH 4517 VT2P RIB GC ↗	VT2P	95	241.5	17.9	0	33.9	1311	4
Gold Country	95-03R2P ↗	VT2P	95	241.2	18.2	0	32.9	1307	6
Hefty	H4322 RIB ↗	VT2P	93	241.0	17.9	0	32.4	1308	5
Federal	4300 VT2PRIB ↗	VT2P	93	240.5	17.8	0	32.9	1306	7
Hefty	H4332 RIB ↗	VT2P	93	239.8	17.5	1	34.8	1304	8
Hefty	H4052 ↗	VT2P	90	237.7	17.0	0	32.9	1295	9
Gold Country	93-41R2P ↗	VT2P	93	235.2	17.1	0	33.4	1281	10
Hefty	H4132 ↗	VT2P	91	234.9	17.5	0	33.9	1277	11
Hefty	H4222 RIB ↗	VT2P	92	234.1	17.3	1	33.9	1274	12
Renk	RK312VT2PRIB ↗	VT2P	90	232.8	17.5	0	31.9	1266	13
Enestvedt	E640DP RIB ↗	VT2P	94	232.6	18.0	0	31.9	1262	14
Dairyland	DS-3366AM ↗	AM	93	232.0	17.9	2	34.8	1259	15
Hefty	H3712 RIB ↗	VT2P	87	231.0	17.1	0	34.3	1259	16
Gold Country	94-44RSS ↗	STX	94	229.7	17.8	0	33.9	1247	18
Dairyland	DS-3162Q ↗	QR	91	229.6	17.5	1	30.5	1248	17
Anderson	786VT2P ↗	VT2P	95	226.7	17.9	0	32.4	1230	19
Golden Harvest	G91V51-5222A EZR ↗	5222A	91	224.5	18.5	8	34.3	1215	23
Gold Country	86-12R2P ↗	VT2P	86	224.3	17.8	0	32.9	1218	20
Augusta	A2541-3110 ↗	3110	91	224.1	17.8	0	33.9	1217	21
Pioneer	P9492AM GC ↗	AM	94	223.6	17.5	0	34.3	1216	22
Renk	RK297VT2P ↗	VT2P	89	222.9	17.7	1	33.4	1211	24
Renk	RK429-3220A ↗	3220A	93	222.7	17.6	22	32.4	1210	25
Anderson	742VT2P ↗	VT2P	92	220.6	18.1	1	32.4	1196	26
Hefty	H3922 RIB ↗	VT2P	89	218.4	17.0	0	34.3	1190	27
Augusta	A2545-5122-EZ ↗	5122	95	218.0	17.9	0	33.9	1183	28
Hefty	H3632 RIB ↗	VT2P	86	217.0	16.9	0	32.4	1183	29
Pioneer	P9188AMXT GC ↗	AMXT	91	216.0	17.8	0	32.9	1173	30

Averages = **223.0** **17.6** **3** **33.2** **1214**

LSD (0.10) = 15.6 0.4 ns

LSD (0.25) = 8.2 0.2 ns

C.V. = 6.6

Historic yield: 223.35 bu/a, 3 yr(s)

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.50

Report Date: 10/11/2021

† 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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