

Test by: NewVenture, LLC Ellendale, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] ROYALTON, MN
Kenny Kasella, Morrison County, MN 56315

All-Season Test	86 - 95 Day CRM B2021MNEC02
Top 30 of 43	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans, Rye Cover Crop / Roundup, Medal Ec, Sonic, Miravis Neo, Warrior
SOIL DESCRIPTION:	Pomroy Loamy Fine Sand loamy sand, mod. well drained, irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.9 pH, 1.7% OM, 8.1 CEC
PEST MANAGEMENT:	Mad Dog, Sure Start, Roundup
FERTILITY - Applied N:	110 Sidedress, 5000 gallons of sow manure was also spring applied
Applied N-P-K (units):	110-0-50
SEEDED - RATE - ROW:	May 5 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 12 32.4 /A

TEST COMMENTS:

This is a very uniform and sandy site. Ken told me that the irrigator only shut off for two days between June 12 and the middle of August. The corn was very tall with very large ears. There were some areas of severe lodging and it was all stalk lodging. Overall a very good plot. Thank you Ken for hosting again this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dahlman	R48-28VT2PRIB ↗	VT2P	95	258.7	20.3	0	31.4	1389	1
Renk	RK312VT2PRIB ↗	VT2P	90	257.8	20.0	1	31.9	1386	2
Renk	RK297VT2P ↗	VT2P	89	256.0	20.0	0	32.4	1376	3
Hefty	H4322 RIB ↗	VT2P	93	254.4	20.3	0	32.4	1366	4
Dairyland	DS-3550AM ↗	AM	95	254.3	20.2	3	32.9	1365	5
Renk	RK429-3220A ↗	3220A	93	253.5	20.2	0	34.8	1361	6
Federal	4520 VT2PDG ↗	VT2PDG	95	252.6	20.3	1	33.9	1356	8
Hefty	H4132 ↗	VT2P	91	251.5	19.2	0	32.4	1357	7
Federal	4300 VT2PRIB ↗	VT2P	93	251.4	20.0	0	31.9	1351	9
Pioneer	P9492AM GC ↗	AM	94	251.3	20.0	0	31.9	1351	10
Gold Country	90-07R2P ↗	VT2P	90	250.0	19.4	1	33.4	1348	11
Dahlman	R47-24VT2PRIB ↗	VT2P	94	249.9	20.5	0	31.9	1340	12
Hefty	H4052 ↗	VT2P	90	247.8	19.7	0	33.4	1334	13
Augusta	A2541-3110 ↗	3110	91	247.4	19.9	3	31.9	1330	15
Dyna-Gro	D27VC87 ↗	VT2P	87	247.0	19.2	0	32.9	1332	14
Augusta	A2545-5122-EZ ↗	5122	95	246.9	20.4	3	31.0	1324	16
Renk	RK485DGV2P ↗	VT2PDG	94	246.6	20.5	0	33.4	1322	19
Hefty	H4332 RIB ↗	VT2P	93	246.0	19.9	1	31.9	1323	18
Anderson	742VT2P ↗	VT2P	92	245.9	19.7	0	31.4	1324	17
Enestvedt	E640DP RIB ↗	VT2P	94	245.2	19.8	0	33.9	1319	20
Gold Country	95-03R2P ↗	VT2P	95	243.3	20.2	0	29.0	1307	21
Enestvedt	E612RR ↗	RR2	92	242.9	19.8	0	32.9	1307	22
Dairyland	DS-3162Q ↗	QR	91	242.2	20.1	2	32.4	1301	24
Hefty	H3712 RIB ↗	VT2P	87	241.9	19.4	1	31.4	1304	23
Anderson	786VT2P ↗	VT2P	95	240.1	20.2	0	32.9	1289	25
Gold Country	86-12R2P ↗	VT2P	86	239.9	20.3	0	32.9	1287	26
Gold Country	93-41R2P ↗	VT2P	93	238.9	19.7	0	32.9	1286	27
Golden Harvest	G90S99-5222 EZR ↗	5222	90	238.7	20.7	3	32.9	1279	28
Latham	LH 4517 VT2P RIB GC ↗	VT2P	95	237.2	20.3	0	31.9	1273	29
Dairyland	DS-3366AM ↗	AM	93	234.3	19.6	10	33.9	1262	30

Averages = **238.4** **19.9** **4** **32.4** **1282**

LSD (0.10) = 16.4 0.4 9

LSD (0.25) = 8.6 0.2 5

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

C.V. = 6.5

Historic yield: 211.93 bu/a, 2 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.50

Report Date: 10/13/2021

† 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

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com