

Test by: NewVenture, LLC Ellendale, MN

2020 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] MILACA, MN
Kevin Schreur, Mille Lacs County, MN 56353

All-Season Test	86 - 95 Day CRM B2020MNEC05
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Armezon Pro, Atrazine
SOIL DESCRIPTION:	Longsiding-Grasston Complex silt loam, poorly drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.4 pH, 2.7% OM, 14.5 CEC
PEST MANAGEMENT:	Armezon Pro, Atrazine
FERTILITY - Applied N:	55 Spring, 70 Sidedress, 16lbs of Sulfur, Boron, Zinc and Mn
Applied N-P-K (units):	125-16-40
SEEDED - RATE - ROW:	May 20 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 5 32.5 /A

TEST COMMENTS:

The planting and harvest conditions here were excellent. The corn was standing well and the minimal lodging noted was all stalk lodging. Kevin noted that things showed some heat stress at the end of July. Then the rain came just in time. The ears were large and filled to the tips. There was minimal disease pressure noted.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	NK9175-3110A	3110A	91	229.4	17.4	2	31.9	789	1
RENK	RK561DGVT2PRIB	VT2PDG,B	95	222.7	17.7	0	32.9	764	2
DAHLMAN	R45-25VT2PRIB	VT2P,B	90	220.2	17.3	0	31.4	758	3
LATHAM	LH 3937 VT2P RIB	VT2P,B	89	218.6	17.4	0	33.4	752	4
GOLDEN HARVEST	G91V51-3110A	3110A	91	217.4	18.3	0	32.9	743	6
FEDERAL	4300 VT2PRIB	VT2P,B	93	216.6	17.3	0	31.5	745	5
GOLD COUNTRY	90-71R2P	VT2P,B	90	214.7	17.2	0	33.4	740	7
DYNA-GRO	D35VC35 GC	VT2P	95	213.8	17.0	0	31.4	738	8
GOLD COUNTRY	90-07R2P	VT2P	90	213.3	16.7	0	31.9	738	9
THUNDER	T6992 VT2P	VT2P,B	92	213.0	17.5	0	32.9	732	11
FEDERAL	4580 VT2PRIB	VT2P,B	95	213.0	18.1	0	32.4	729	15
TITAN PRO	82-95 2P	VT2P,B	95	212.9	17.4	0	32.4	733	10
HEFTY	H4542VT2P	VT2P	95	212.9	17.4	0	32.9	732	12
THUNDER	T6993 VT2P	VT2P,B	93	212.8	17.4	0	32.4	732	13
DAIRYLAND	DS-3345AM	AM,B	93	212.8	17.4	0	32.4	732	14
DAIRYLAND	DS-3550AM	AM,B	95	209.8	18.2	0	32.4	718	19
THUNDER	T6094 VT2P	VT2P,B	94	209.6	16.6	0	32.4	725	16
GOLDEN HARVEST	G90Y04-5222A-EZR	5222A,B	92	209.1	18.4	0	32.9	714	23
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	208.8	17.6	0	31.9	717	20
ENESTVEDT	E640DP RIB	VT2P,B	94	208.4	16.9	0	31.9	720	17
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	208.1	16.6	0	32.9	720	18
DAIRYLAND	DS-3366Q	QR,B	93	208.1	17.1	0	31.9	717	21
ANDERSON	786VT2P	VT2P	95	208.1	18.1	0	32.4	712	24
HEFTY	H4132VT2PRIB	VT2P,B	91	207.9	17.1	0	32.4	717	22
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	206.5	18.3	2	32.9	706	29
GOLD COUNTRY	92-45R2P	VT2P,B	92	206.4	17.2	0	32.9	711	25
AUGUSTA	2545	5122,B	95	205.7	18.3	0	32.9	703	30
RENK	RK499VT2P	VT2P	94	204.8	16.8	0	31.9	708	27
HEFTY	H4144SS	STX	91	204.8	16.8	0	31.4	707	28
GOLD COUNTRY	89-59R2P	VT2P,B	89	204.7	16.2	0	32.4	710	26

Averages = **204.3** 17.4 0 32.5 703

LSD (0.10) = 10.2 0.3 1

LSD (0.25) = 5.3 0.2 0

C.V. = 4.7

Historic yield: 191.1 bu/a, 2 yr(s)

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50

2020 Corn - Minnesota East Central [MNEC]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ANDERSON	742R	RR2	92	MQ
ANDERSON	786VT2P	VT2P	95	AC
AUGUSTA	2541	3010A	91	C2
AUGUSTA	2545	5122,B	95	AVC,C2
DAHLMAN	R45-25VT2PRIB	VT2P,B	90	AC250
DAHLMAN	R45-28VT2PRIB	VT2P,B	90	AC250
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	AC250
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	AC250
DAIRYLAND	DS-3162Q	QR,B	91	Lum,P1V
DAIRYLAND	DS-3193AM	AM,B	91	Lum,P1V
DAIRYLAND	DS-3345AM	AM,B	93	Lum,P1V
DAIRYLAND	DS-3366Q	QR,B	93	Lum,P1V
DAIRYLAND	DS-3550AM	AM,B	95	Lum,P5V
DYNA-GRO	D35VC35 GC	VT2P	95	AC,P5V,EDC-B
ENESTVEDT	E612RR	RR2	92	CM,MQ,C2
ENESTVEDT	E640DP RIB	VT2P,B	94	AC,P5V
FEDERAL	4300 VT2PRIB	VT2P,B	93	AC,P2,MAG
FEDERAL	4580 VT2PRIB	VT2P,B	95	AC,P2,MAG
GOLD COUNTRY	89-59R2P	VT2P,B	89	AC
GOLD COUNTRY	90-07R2P	VT2P	90	AC
GOLD COUNTRY	90-71R2P	VT2P,B	90	AC
GOLD COUNTRY	92-45R2P	VT2P,B	92	AC
GOLDEN HARVEST	G84J92-3120A-EZR	3120A,B	86	AVC,C2,Vi
GOLDEN HARVEST	G90Y04-5222A-EZR	5222A,B	92	AVC,C2,Vi
GOLDEN HARVEST	G91V51-3110A	3110A	91	AVC,C2,Vi
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	AVC,C2,Vi
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	AVC,C2,Vi
HEFTY	H3632VT2PRIB	VT2P,B	86	HC
HEFTY	H4032VT2PRIB	VT2P,B	90	HC
HEFTY	H4132VT2PRIB	VT2P,B	91	HC
HEFTY	H4144SS	STX	91	HC
HEFTY	H4322VT2PRIB	VT2P,B	93	HC
HEFTY	H4324SSRIB	STX,B	93	HC
HEFTY	H4542VT2P	VT2P	95	HC
INTEGRA	4119 VT2PRIB GC	VT2P,B	91	AC,P2V,St,SU
LATHAM	LH 3695 VT2P RIB	VT2P,B	86	AC250

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
LATHAM	LH 3827 VT2P RIB	VT2P,B	88	AC250
LATHAM	LH 3937 VT2P RIB	VT2P,B	89	AC250
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	AC250
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	AC250
NK BRAND	NK8618-3120A-EZR	3120A,B	86	AVC,C2,Vi
NK BRAND	NK8920-5122-EZR	5122,B	89	AVC,C2,Vi
NK BRAND	NK9175-3110A	3110A	91	AVC,C2,Vi
NK BRAND	NK9227-5222A-EZR	5222A,B	92	AVC,C2,Vi
NK BRAND	NK9653-5222-EZR	5222,B	96	AVC,C5,Vi
PIONEER	P9188AMXT GC	AMXT	91	NA
PIONEER	P9492AM GC	AM,B	94	NA
RENK	RK433VT2PRIB	VT2P,B	92	AC,P2
RENK	RK499VT2P	VT2P	94	AC,P2
RENK	RK561DGV2PRIB	VT2PDG,B	95	AC,P2
RENK	RK568VT2P	VT2P,B	95	AC,P2
STINE	9202-G GC	3011A	86	AC
THUNDER	T6094 VT2P	VT2P,B	94	AC,P2
THUNDER	T6190 VT2P	VT2P,B	90	AC,P2
THUNDER	T6595 VT2P	VT2P,B	95	AC,P2
THUNDER	T6791 VT2P	VT2P,B	91	AC,P2
THUNDER	T6992 VT2P	VT2P,B	92	AC,P2
THUNDER	T6993 VT2P	VT2P,B	93	AC,P2
TITAN PRO	82-90 2P	VT2P,B	90	AC250
TITAN PRO	82-95 2P	VT2P,B	95	AC250

Footnotes and Abbreviations Descriptions

Brand Footnotes

^ Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3010A Agrisure® Artesian® 3010 (CB,LL,GT)
 3011A Agrisure® Artesian® 3011A (CB,RW,LL,GT)
 3110A Agrisure® Artesian® Viptera® 3110 (Vip, CB,LL,GT)
 3120A Agrisure® Artesian® 3120 (CB,HX,LL,GT)
 5122 Agrisure® Duracade™ 5122
 5222 Agrisure® Duracade™ 5222
 5222A Agrisure® Duracade™ Artesian® 5222
 AM Optimum® AcreMax®
 AMXT Optimum® AcreMax® Xtreme
 B Blend, Refuge in a Bag (RIB) or EZ-Refuge
 QR Qrome™
 RR2 Roundup Ready® 2 Corn
 STX SmartStax®
 VT2P Genuity® VT Double PRO®
 VT2PDG Genuity® VT Double PRO® DroughtGard®

*The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

NA	Not Available
AC	Acceleron®, unspecified
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,MAG	Acceleron 250, Federal ArmourGuard
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C2	Avicta Complete 250
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5,Vi	Avicta Complete 500, Vibrance
C2	Cruiser 250
CM,MQ,C2	CruiserMaxx® Cruiser® 250, Maxim® Quattro
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
MQ	Maxim Quattro

** Seed treatments may include unspecified plant health promoting components.