

Test by: Southern MN FIRST New Richland, MN

2020 Corn Grain Top 30 Harvest Report

Minnesota South [MNSO] LAMBERTON, MN
Ed Iverson, Redwood County, MN 56152

Ultra Early-Season Test 92 - 96 Day CRM
B2020MNSO03u

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / Roundup, Fusilade

SOIL DESCRIPTION: Romnell clay loam, mod. well
drained, non-irrigated

SOIL CONDITION: Conventional W/O Fall Till,
medium P, medium K, 5.5 pH,
3.9% OM, 30.4 CEC

PEST MANAGEMENT: Force, Iron Clad, Incinerate,
Atrex, Stratego Yld, Aquillaxl

FERTILITY - Applied N: 197 Spring, 20# sulfur, 12# zinc

Applied N-P-K (units): 197-115-95

SEDED - RATE - ROW: May 3 35.3 /A 30" spacing

HARVESTED - STAND: Nov 4 32.8 /A

TEST COMMENTS:

Planting conditions were good, but Ed reported more rainfall than needed through June. Some corn smut was found in the plot, but stalks stood well at harvest. Fungicide was applied to the corn plot at V5, and again at full tassel. Ed noted that yields were very uniform across his fields this year. Other than 2 snowfalls that delayed harvest, it has been a good harvest season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H4612VT2PRIB	VT2PB	96	254.6	17.5	0	32.1	866	2
TITAN PRO	85-96	CONV	96	254.1	14.3	0	33.9	889	1
NUTECH	56A7Q	QR,B	96	245.0	14.8	1	32.1	858	3
NK BRAND	NK9175-3110A	3110A	91	235.9	13.7	0	34.4	826	4
TITAN PRO	86-96 2P	VT2P,B	96	234.3	14.1	0	33.9	820	5
DAIRYLAND	DS-3550AM	AM,B	95	233.3	14.5	0	33.5	817	6
HEFTY	H4542VT2P	VT2P	95	233.0	14.2	0	33.9	816	7
ANDERSON	7422	CONV	92	230.8	13.9	0	33.5	808	8
HEFTY	H4522VT2PRIB	VT2P,B	95	229.8	14.1	0	33.0	804	9
NUTECH	5F-196AM	AM,B	96	228.1	14.7	0	31.2	798	10
VIKING	52-96	CONV	96	227.4	14.1	0	31.2	796	11
TITAN PRO	91-95	CONV	95	227.4	13.7	1	33.5	796	12
AUGUSTA	2541 GC	3010A	91	226.9	13.9	0	34.4	794	13
HEFTY	H4332VT2PRIB	VT2P,B	93	226.7	14.2	0	34.4	793	14
FEDERAL	4300 VT2PRIB	VT2P,B	93	226.7	14.0	0	32.1	793	15
VIKING	42-92	CONV	92	226.6	13.9	0	32.1	793	16
DAIRYLAND	DS-3345AM	AM,B	93	225.5	14.5	0	33.0	789	17
AUGUSTA	2545	5122,B	95	224.6	14.0	0	32.6	786	18
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	223.1	14.5	0	33.5	781	19
NK BRAND	NK9227-5222A-EZR	5222A,B	92	221.6	14.5	2	32.1	776	20
VIKING	46-96	CONV	96	218.0	13.8	1	31.7	763	21
ANDERSON	7865	CONV	95	217.4	13.7	3	34.8	761	22
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	216.9	14.0	0	34.4	759	23
GOLD COUNTRY	94-19 GC	CONV	94	216.2	14.1	0	32.6	757	24
RENK	RK568VT2P	VT2P,B	95	214.5	13.8	0	33.9	751	25
TITAN PRO	82-95 2P	VT2P,B	95	213.3	14.2	0	33.0	747	26
WYFFELS	W1516RIB	VT2P,B	95	213.2	13.5	0	32.6	746	27
HI FIDELITY GENETICS	HFG0921	CONV	92	211.6	14.2	9	32.1	741	28
DAIRYLAND	DS-3519AM	AM,B	96	210.1	14.3	0	32.1	735	29
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	209.8	13.8	0	33.9	734	30

Mark Querna

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages = **215.4** **14.2** **1** **32.8** **753**

LSD (0.10) = 19.2 0.4 ns

LSD (0.25) = 10.0 0.2 ns

C.V. = 8.4

Historic yield: 198.5 bu/a, 2 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.4

Drying = \$0.04

Prices: GMO = \$3.50

Report Date: 11/05/2020

Additional reports available at www.firstseedtests.com

† 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

©2020, All rights reserved by Elite Field Genetics, LLC

2020 Corn - Minnesota South [MNSO]

Ultra Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ANDERSON	7422	CONV	92	MQ
ANDERSON	7865	CONV	95	MQ
AUGUSTA	2345	3220,B	95	C2
AUGUSTA	2541 GC	3010A	91	C2
AUGUSTA	2545	5122,B	95	AVC,C2
DAIRYLAND	DS-3345AM	AM,B	93	Lum,P1V
DAIRYLAND	DS-3366Q	QR,B	93	Lum,P1V
DAIRYLAND	DS-3519AM	AM,B	96	Lum,P1V
DAIRYLAND	DS-3550AM	AM,B	95	Lum,P5V
DYNA-GRO	D35VC35	VT2P	95	AC,P5V,EDC-B
FEDERAL	4300 VT2PRIB	VT2P,B	93	AC,P2,MAG
FEDERAL	4680 VT2PRIB	VT2P,B	96	AC,P2,MAG
GOLD COUNTRY	94-19 GC	CONV	94	AC
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	AVC,C2,Vi
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	AVC,C2,Vi
HEFTY	H4322VT2PRIB	VT2P,B	93	HC
HEFTY	H4324SSRIB	STX,B	93	HC
HEFTY	H4332VT2PRIB	VT2P,B	93	HC
HEFTY	H4522VT2PRIB	VT2P,B	95	HC
HEFTY	H4542VT2P	VT2P	95	HC
HEFTY	H4612VT2PRIB	VT2P,B	96	HC
HEFTY	H4732VT2PRIB	VT2P,B	96	HC
HI FIDELITY GENETICS	HFG0921	CONV	92	AC,P5V
HI FIDELITY GENETICS	HFG0951	CONV	95	AC,P5V
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	AC250
LATHAM	LH 4454 VT2P RIB	VT2P,B	94	AC250
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	AC250
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	AC250
LATHAM	LH 4669 SS RIB	STX,B	96	AC,P5V
NK BRAND	NK9175-3110A	3110A	91	AVC,C2,Vi
NK BRAND	NK9227-5222A-EZR	5222A,B	92	AVC,C2,Vi
NK BRAND	NK9610-5122-EZR	5122,B	96	AVC,C2,Vi
NK BRAND	NK9653-5222-EZR	5222,B	96	AVC,C5,Vi
NUTECH	56A7Q	QR,B	96	P1V,RN
NUTECH	5F-196AM	AM,B	96	P1V,RN
PIONEER	P9492AM GC	AM,B	94	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
RENK	RK499VT2P	VT2P	94	AC,P2
RENK	RK561DGVT2PRIB	VT2PDG,B	95	AC,P2
RENK	RK568VT2P	VT2P,B	95	AC,P2
TITAN PRO	82-95 2P	VT2P,B	95	AC250
TITAN PRO	85-96	CONV	96	AC250
TITAN PRO	86-96 2P	VT2P,B	96	AC250
TITAN PRO	91-95	CONV	95	AC250
VIKING	42-92	CONV	92	CM,C2,Sb
VIKING	46-96	CONV	96	CM,C2,Sb
VIKING	52-96	CONV	96	CM,C2,Sb
WYFFELS	W1516RIB	VT2P,B	95	AC250
WYFFELS	W1546	VT2P	96	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)
 3110A Agrisure® Artesian® Viptera® 3110 (Vip, CB,LL,GT)
 3220 Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
 5122 Agrisure® Duracade™ 5122
 5222 Agrisure® Duracade™ 5222
 5222A Agrisure® Duracade™ Artesian® 5222
 AM Optimum® AcreMax®
 B Blend, Refuge in a Bag (RIB) or EZ-Refuge
 CONV Conventional
 QR Qrome™
 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,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,C2,Sb	CruiserMaxx 250, SabrEx Innoculant
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
MQ	Maxim Quattro
P1V,RN	Poncho 1250/Votivo, Rancona®

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