

Test by: Southern MN FIRST New Richland, MN

2020 Corn Grain Top 30 Harvest Report


Minnesota South [MNSO] JACKSON, MN
Steve Ryberg, Jackson County, MN 56143

Ultra Early-Season Test	92 - 96 Day CRM B2020MNSO01u
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Authority, Dicamba, Roundup
SOIL DESCRIPTION:	Nicollet clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, high K, 5.9 pH, 3.3% OM, 24.1 CEC
PEST MANAGEMENT:	Surpass, Force, Laudis, Atrazine
FERTILITY - Applied N:	143 Fall, 2# zinc, 12# sulfur
Applied N-P-K (units):	143-115-143
SEDED - RATE - ROW:	Apr 24 35.3 /A 30" spacing
HARVESTED - STAND:	Sep 30 33.5 /A

TEST COMMENTS:

Soil conditions were good at planting. Sunshine without extreme heat reduced plant stress. Steve noted that soil moisture through July was great, which fed the crop well going into a dry August. Plants stood very well at harvest, but stalk strength seemed average. The few lodged stalks were broken off below the ear. The ears were filled to the tip, and corn moisture was lower than anticipated.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H4612VT2PRIB	VT2PB	96	261.7	24.8	1	33.0	813	1
FEDERAL	4680 VT2PRIB	VT2P,B	96	237.8	19.3	0	33.0	791	2
NK BRAND	NK9227-5222A-EZR	5222A,B	92	233.7	19.4	0	33.9	777	3
TITAN PRO	91-95	CONV	95	232.4	18.9	0	33.5	777	4
PIONEER	P9492AM GC	AM,B	94	231.7	20.0	0	31.9	765	7
NK BRAND	NK9175-3110A	3110A	91	230.0	19.9	0	34.6	760	10
TITAN PRO	82-95 2P	VT2P,B	95	229.6	19.1	0	33.9	766	6
FEDERAL	4300 VT2PRIB	VT2P,B	93	229.2	18.6	0	33.0	769	5
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	228.5	19.1	0	33.0	762	9
DAIRYLAND	DS-3366Q	QR,B	93	228.5	19.3	0	33.9	760	11
TITAN PRO	86-96 2P	VT2P,B	96	228.1	18.9	0	34.8	763	8
HEFTY	H4542VT2P	VT2P	95	225.9	21.1	0	33.0	736	15
AUGUSTA	2545	5122,B	95	225.5	19.4	0	34.6	750	12
NK BRAND	NK9610-5122-EZR	5122,B	96	223.6	18.6	0	33.9	750	13
VIKING	52-96	CONV	96	221.4	19.3	0	33.0	737	14
NUTECH	56A7Q	QR,B	96	220.6	20.9	0	32.6	720	21
HEFTY	H4732VT2PRIB	VT2P,B	96	218.9	18.9	0	32.6	732	17
GOLD COUNTRY	94-19 GC	CONV	94	218.3	18.2	0	33.0	736	16
AUGUSTA	2345	3220,B	95	218.3	19.5	0	33.5	725	20
AUGUSTA	2541 GC	3010A	91	218.2	19.4	0	34.4	726	19
HEFTY	H4332VT2PRIB	VT2P,B	93	217.4	20.8	0	33.9	711	22
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	217.2	18.8	0	33.9	727	18
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	214.0	19.6	0	35.3	709	23
VIKING	46-96	CONV	96	213.7	20.1	0	33.0	704	27
ANDERSON	7422	CONV	92	213.1	19.8	0	33.5	705	26
DAIRYLAND	DS-3519AM	AM,B	96	212.1	19.3	0	33.0	706	24
DAIRYLAND	DS-3550AMRIB	AM,B	95	211.6	19.7	1	34.8	701	28
RENK	RK561DGV2PRIB	VT2PDG,B	95	210.0	18.4	0	33.9	706	25
WYFFELS	W1546	VT2P	96	209.7	19.5	0	34.4	696	30
HI FIDELITY GENETICS	HFG0921	CONV	92	209.3	19.1	0	33.9	699	29

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	214.6	19.6	0	33.5	712
	LSD (0.10) =	21.2	0.9	ns		
	LSD (0.25) =	11.1	0.5	ns		
	C.V. =	9.4				Historic yield: 200.2 bu/a, 18 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.50

Report Date: 10/01/2020

† 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

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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-3550AMRIB	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.