

Test by: Southern MN FIRST New Richland, MN

2020 Corn Grain Top 30 Harvest Report

Minnesota South [MNSO] MANKATO, MN
Greg Scheurer, Blue Earth County, MN 56001

Ultra Early-Season Test	92 - 96 Day CRM B2020MNSO02u
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Authority First, Liberty
SOIL DESCRIPTION:	Cordova clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, medium K, 5.7 pH, 4.1% OM, 26.3 CEC
PEST MANAGEMENT:	Volley, Force, Impact Z
FERTILITY - Applied N:	16 Fall, 140 Spring
Applied N-P-K (units):	156-78-56
SEEDED - RATE - ROW:	Apr 25 35.3 /A 30" spacing
HARVESTED - STAND:	Nov 3 33.3 /A

TEST COMMENTS:

Plants stood well at harvest with minimum lodging. Greg reported that this site received 32" of rain, with 7.25" falling on July 25. Two other 3" rain events also fell. We noticed that some ears were shorter than hoped in the ultra-early test, but yields were good. The third rep of the full-season test was lost at planting, but the other two reps looked great at harvest. Two October snowfalls delayed harvest here.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	242.5	14.3	0	33.9	849	1
HI FIDELITY GENETICS	HFG0951	CONV	95	238.0	14.0	1	32.1	833	2
NK BRAND	NK9610-5122-EZR	5122,B	96	235.1	14.1	0	34.4	823	3
DYNA-GRO	D35VC35	VT2P	95	232.8	14.4	0	33.5	815	4
TITAN PRO	86-96 2P	VT2P,B	96	232.3	14.1	0	33.0	813	5
HI FIDELITY GENETICS	HFG0921	CONV	92	231.3	14.3	0	34.4	810	6
NK BRAND	NK9227-5222A-EZR	5222A,B	92	230.8	14.1	0	32.6	808	7
HEFTY	H4612VT2PRIB	VT2P,B	96	230.6	16.8	3	33.0	790	13
FEDERAL	4680 VT2PRIB	VT2P,B	96	228.1	14.1	0	33.5	798	8
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	227.6	14.5	0	32.6	797	9
NK BRAND	NK9175-3110A	3110A	91	226.4	14.1	0	35.3	792	10
DAIRYLAND	DS-3366Q	QR,B	93	226.4	14.3	0	33.9	792	11
VIKING	42-92	CONV	92	226.3	13.8	0	34.4	792	12
NUTECH	5F-196AM	AM,B	96	225.4	14.2	0	32.1	789	14
AUGUSTA	2541 GC	3010A	91	224.2	14.8	0	35.3	785	15
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	223.0	14.4	0	32.6	780	16
AUGUSTA	2545	5122,B	95	221.7	14.2	0	33.0	776	17
DAIRYLAND	DS-3519AM	AM,B	96	219.7	14.6	0	32.1	769	18
HEFTY	H4522VT2PRIB	VT2P,B	95	218.5	14.3	0	32.6	765	19
VIKING	46-96	CONV	96	218.1	14.2	1	30.8	763	20
WYFFELS	W1516RIB	VT2P,B	95	218.0	14.1	0	32.6	763	21
AUGUSTA	2345	3220,B	95	217.6	14.7	1	33.5	762	22
PIONEER	P9492AM GC	AM,B	94	216.8	14.2	0	33.0	759	23
HEFTY	H4332VT2PRIB	VT2P,B	93	216.8	14.1	0	33.9	759	24
DAIRYLAND	DS-3345AM	AM,B	93	216.8	14.3	0	33.9	759	25
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	216.0	14.6	0	33.9	756	26
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	215.0	14.1	0	33.9	752	27
DAIRYLAND	DS-3550AM	AM,B	95	215.0	14.5	0	33.0	752	28
RENK	RK561DGV2PRIB	VT2PDG,B	95	211.9	14.2	1	33.0	742	29
NUTECH	56A7Q	QR,B	96	211.5	14.8	0	33.0	740	30

Mark Querna

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Averages = **213.9** **14.3** **0** **33.3** **747**

LSD (0.10) = 21.4 0.3 1

LSD (0.25) = 11.2 0.2 0

C.V. = 9.5

Historic yield: 221.0 bu/a, 1 yr(s)

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

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.