

Test by: Southern MN FIRST New Richland, MN

## 2020 Corn Grain Top 30 Harvest Report

Minnesota South [MNSO] KASSON, MN  
Brian Herbst, Dodge County, MN 55944

<b>Ultra Early-Season Test</b>	92 - 96 Day CRM B2020MNSO05u
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Extend, Warrant Ultra
<b>SOIL DESCRIPTION:</b>	Readlyn silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 5.8 pH, 3.6% OM, 20.2 CEC
<b>PEST MANAGEMENT:</b>	Force, Laudis, Atrazine, Status, Trivapro
<b>FERTILITY - Applied N:</b>	170 Fall, 66 Spring, 6# of Sulfur, 1.5 pts of Boron
<b>Applied N-P-K (units):</b>	236-94-145
<b>SEEDED - RATE - ROW:</b>	Apr 27 35.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 2 32.6 /A

### TEST COMMENTS:

Soils were in perfect condition at planting. Brian stated that the biggest rain for the year was 3.25" in May. Soil moisture was excellent all year, except for mild dryness in the first half of August. Temps were not excessive all summer, yet GDU accumulation was steady and rapid. Harvest of this plot site confirmed Brian's thoughts: corn in all his fields has never looked so uniform all season as it did this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	5F-196AM	AM,B	96	<b>298.9</b>	17.1	2	31.9	1021	1
HEFTY	H4612VT2PRIB	VT2P,B	96	<b>298.3</b>	22.1	0	31.2	960	4
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	<b>285.1</b>	17.2	4	34.4	972	2
NK BRAND	NK9610-5122-EZR	5122,B	96	<b>281.8</b>	17.2	5	32.6	962	3
NUTECH	56A7Q	QR,B	96	<b>271.3</b>	17.5	2	33.0	923	9
AUGUSTA	2545	5122,B	95	<b>270.7</b>	17.4	6	31.2	922	10
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	<b>270.4</b>	16.4	3	33.0	932	6
DYNA-GRO	D35VC35	VT2P	95	269.8	16.1	3	31.7	933	5
WYFFELS	W1546	VT2P	96	269.3	16.5	1	33.0	927	7
VIKING	46-96	CONV	96	268.9	16.6	3	32.6	924	8
TITAN PRO	86-96 2P	VT2P,B	96	266.9	16.5	1	33.0	918	11
HEFTY	H4732VT2PRIB	VT2P,B	96	266.4	16.8	0	33.0	913	12
AUGUSTA	2345	3220,B	95	266.0	17.2	0	33.9	907	13
DAIRYLAND	DS-3550AM	AM,B	95	263.5	16.8	6	33.9	904	14
HI FIDELITY GENETICS	HFG0951	CONV	95	263.0	17.0	5	29.0	899	15
NK BRAND	NK9227-5222A-EZR	5222A,B	92	260.5	17.4	0	33.5	886	16
NK BRAND	NK9653-5222-EZR	5222,B	96	259.0	17.4	1	33.9	882	18
HEFTY	H4522VT2PRIB	VT2P,B	95	258.3	17.5	2	31.2	879	19
HI FIDELITY GENETICS	HFG0921	CONV	92	256.8	16.3	5	33.0	886	17
TITAN PRO	85-96	CONV	96	254.8	16.5	3	34.4	877	20
DAIRYLAND	DS-3519AM	AM,B	96	254.5	17.0	1	33.9	870	22
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	251.6	16.0	2	33.0	871	21
FEDERAL	4300 VT2PRIB	VT2P,B	93	250.6	16.7	1	31.7	860	24
RENK	RK561DGV2PRIB	VT2PDG,B	95	250.2	16.2	3	32.1	863	23
HEFTY	H4332VT2PRIB	VT2P,B	93	248.6	16.4	2	33.9	856	25
AUGUSTA	2541 GC	3010A	91	246.8	16.7	3	33.0	847	29
DAIRYLAND	DS-3345AM	AM,B	93	246.6	16.1	1	33.9	852	26
PIONEER	P9492AM GC	AM,B	94	245.5	16.0	2	34.4	849	27
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	245.5	16.3	2	32.6	847	30
WYFFELS	W1516RIB	VT2P,B	95	245.1	15.9	1	29.9	849	28

*Mark Querna*

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Averages = **251.0** **16.8** **2** **32.6** **861**

LSD (0.10) = 19.2 0.5 2

LSD (0.25) = 10.1 0.2 1

C.V. = 7.3

Historic yield: 210.6 bu/a, 19 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

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^ 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\*

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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®

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

## Corn Seed Treatments\*\*

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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®

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