

Test by: Southern MN FIRST New Richland, MN

## 2021 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  
B2021MNSO02u

**Top 30 of 35** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Sinister, Fusilade, Prowl

**SOIL DESCRIPTION:** Pell Creek-Romnell Complex loam, mod. well drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, medium P, low K, 5.6 pH, 4.2% OM, 31.8 CEC

**PEST MANAGEMENT:** Force, Ironclad, Cavallo, Aatrex, Aquila XI

**FERTILITY - Applied N:** 185 Spring, 19# sulfur

**Applied N-P-K (units):** 185-80-80

**SEEDED - RATE - ROW:** May 4 35.3 /A 30" spacing

**HARVESTED - STAND:** Oct 26 34.0 /A

### TEST COMMENTS:

Planted here in good soil conditions. Ed mentioned that subsoil moisture was good in early summer, although a hot and dry June made good use of that moisture. Rainfall fell at the right time, and crops looked great through most of August. However, hail that stripped 85% of foliage off the corn, and 90+ mph winds both came in late August. Lodging scores are from 0-100%. The full-season test yields seemed to be more affected by the wind and hail than the early-season test.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK9610-5122 EZR ↗	5122	96	<b>194.9</b>	15.8	4	33.5	1018	1
Hefty	H4522 RIB ↗	VT2P	95	<b>182.8</b>	16.1	9	33.9	954	2
Wyffels	W1546RIB ↗	VT2P	96	<b>171.6</b>	16.1	11	33.9	895	3
Augusta	A2541-3110 ↗	3110	91	167.8	16.0	20	33.5	876	4
Pioneer	P9489AM GC ↗	AM	94	166.4	16.4	10	34.4	867	5
Renk	RK485DGV2P ↗	VT2PDG	94	166.2	16.3	44	33.5	866	6
Wyffels	W1466 ↗	VT2P	94	165.4	16.2	16	33.5	862	7
Golden Harvest	G95M41-5122 EZR ↗	5122	95	165.1	16.0	10	34.8	862	8
Dairyland	DS-3366AM ↗	AM	93	163.4	16.3	12	33.9	851	9
Renk	RK429-3220A ↗	3220A	93	161.6	15.9	41	34.4	844	10
Titan Pro	85-96 ↗	CONV	96	158.7	16.2	28	34.4	828	11
Titan Pro	91-95 ↗	CONV	95	158.1	16.1	40	34.8	825	12
Pioneer	P9492AM GC ↗	AM	94	156.1	15.9	4	34.4	815	13
Titan Pro	82-95 2P ↗	VT2P	95	154.6	16.0	10	34.4	807	14
Augusta	A2545-5122-EZ ↗	5122	95	154.2	15.9	27	33.9	805	15
Hefty	H4653 RIB ↗	VT2PDG	96	153.2	16.0	40	33.9	800	16
Renk	RK561DGV2PRIB ↗	VT2PDG	95	152.0	16.4	6	34.4	792	17
DeKalb	DKC45-94RIB GC ↗	STX	95	151.8	16.5	4	34.8	790	18
Federal	4520 VT2PDG ↗	VT2PDG	95	151.4	16.2	75	35.3	790	19
Anderson	742VT2P ↗	VT2P	92	149.1	15.8	6	33.0	779	20
Anderson	7865 ↗	CONV	95	149.0	16.2	35	32.6	777	21
NK Brand	NK9653-5222 EZR ↗	5222	96	147.6	16.6	2	33.0	768	22
Augusta	A2345-5222-EZ ↗	5222	95	145.6	16.0	5	34.4	760	23
Hefty	H4322 RIB ↗	VT2P	93	144.5	16.2	7	34.4	754	24
Pioneer	P9188AMXT GC ↗	AMXT	91	142.6	16.1	8	33.5	744	25
Federal	4680 VT2PRIB ↗	VT2P	96	139.4	16.0	15	33.5	728	26
Viking	42-92 ↗	CONV	92	139.1	16.1	26	34.4	726	27
Hefty	H4332 RIB ↗	VT2P	93	134.6	16.0	7	33.9	702	28
Anderson	786VT2P ↗	VT2P	95	132.0	15.8	19	33.5	690	29
Viking	52-96 ↗	CONV	96	131.0	16.1	17	33.5	683	30

Averages = **150.3** **16.1** **19** **34.0** **784**

LSD (0.10) = 18.2 0.2 15

LSD (0.25) = 9.5 0.1 8

Mark Querna

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C.V. = 11.4

Historic yield: 207.86 bu/a, 3 yr(s)

### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.25

Report Date: 10/26/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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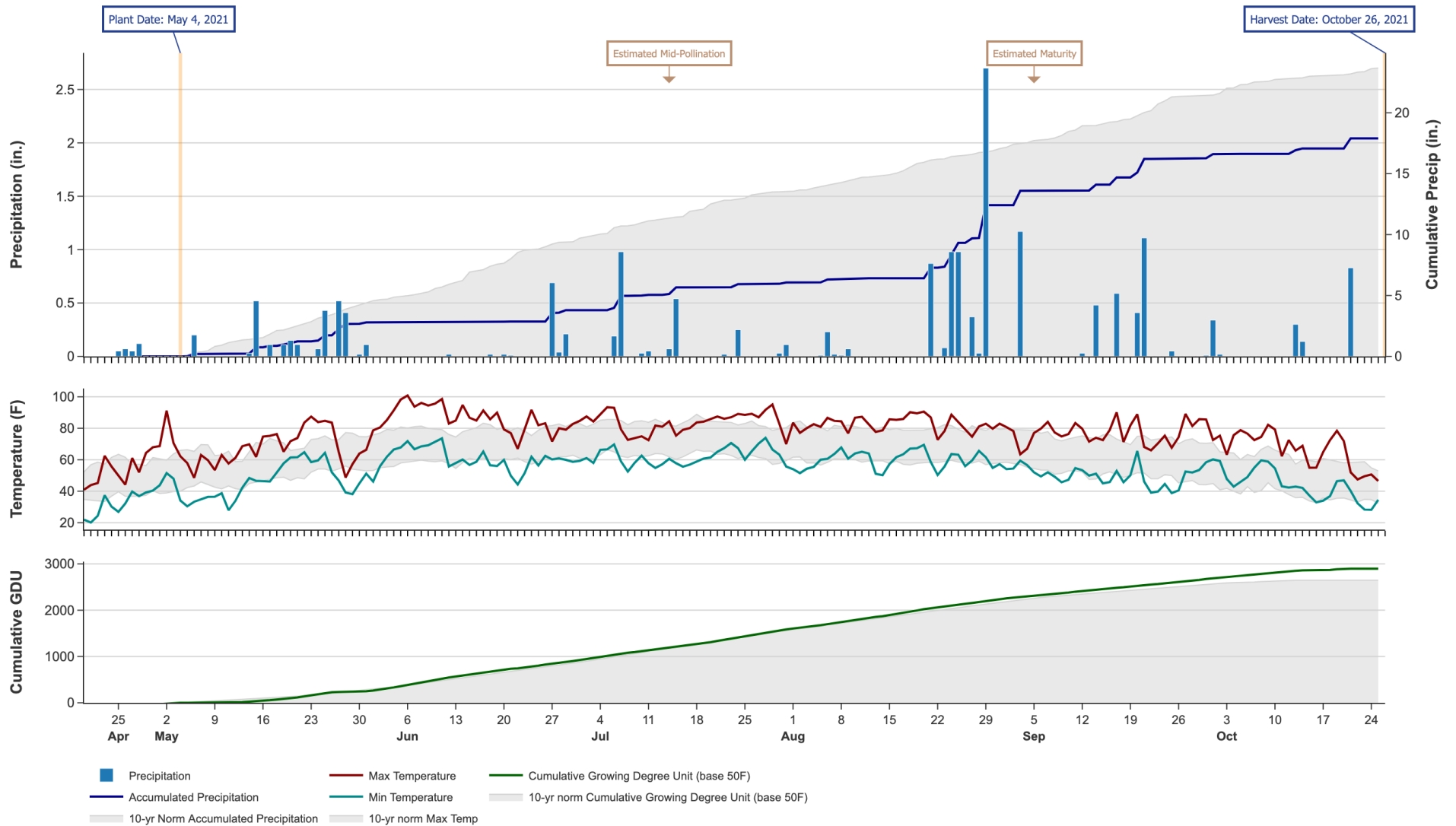
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# 2021 Corn - Minnesota South [ MNSO ]

## Weather Conditions Summary at LAMBERTON, MN

Weather Data Retrieved: 10/26/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.3   1.2 (-0.9)	2.8   4.9 (-2.1)	1.0   5.0 (-4.0)	2.3   4.1 (-1.8)	6.3   3.5 (+2.8)	3.9   4.4 (-0.5)	1.6   2.2 (-0.6)	18.2   25.3 (-7.1)
GDU   Normal (Diff)	22   12 (+9)	288   292 (-4)	652   577 (+74)	684   708 (-24)	652   605 (+46)	438   395 (+42)	220   84 (+135)	2956   2676 (+279)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2021 Corn - Minnesota South [ MNSO ]

### Ultra Early-Season Test Products (35 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Anderson	742VT2P	VT2P	N	92	AC,P2V
Anderson	7865	CONV	N	95	MQ
Anderson	786VT2P	VT2P	N	95	AC,P2V
Augusta	A2345-5222-EZ	5222	Y	95	CM,C2
Augusta	A2541-3110	3110	N	91	CM,C2
Augusta	A2545-5122-EZ	5122	Y	95	CM,C2
Dairyland	DS-3366AM	AM	Y	93	Lum,P1V
Dairyland	DS-3550AM	AM	Y	95	Lum,P1V
DeKalb	DKC45-94RIB GC	STX	Y	95	AC,P5V,B-360
Enestvedt	E640DP RIB	VT2P	Y	94	AC250
Enestvedt	E658DP RIB	VT2P	Y	96	AC250
Federal	4520 VT2PDG	VT2PDG	N	95	AC,P5V,MAG
Federal	4680 VT2PRIB	VT2P	Y	96	AC,P2,MAG
Golden Harvest	G95M41-5122 EZR	5122	Y	95	AVC,C2,Vi
Hefty	H4132	VT2P	N	91	HC
Hefty	H4322 RIB	VT2P	Y	93	HC
Hefty	H4332 RIB	VT2P	Y	93	HC
Hefty	H4522 RIB	VT2P	Y	95	HC
Hefty	H4653 RIB	VT2PDG	Y	96	HC
NK Brand	NK9610-5122 EZR	5122	Y	96	AVC,C2,Vi
NK Brand	NK9653-5222 EZR	5222	Y	96	AVC,C2,Vi
Pioneer	P9188AMXT GC	AMXT	Y	91	Lum
Pioneer	P9489AM GC	AM	N*	94	Lum
Pioneer	P9492AM GC	AM	Y	94	Lum
Renk	RK429-3220A	3220A	N	93	CM,C2
Renk	RK485DGV2P	VT2PDG	N	94	AC,P5V
Renk	RK561DGV2PRIB	VT2PDG	Y	95	AC,P2
Titan Pro	20-92	CONV	N	92	AC,P2
Titan Pro	82-95 2P	VT2P	Y	95	AC,P2
Titan Pro	85-96	CONV	N	96	AC,P2
Titan Pro	91-95	CONV	N	95	AC,P2
Viking	42-92	CONV	N	92	CM,C2,Sb
Viking	52-96	CONV	N	96	CM,C2,Sb
Wyffels	W1466	VT2P	N	94	AC,P2
Wyffels	W1546RIB	VT2P	Y	96	AC,P2

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> 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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
CONV	Conventional
STX	SmartStax®
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

### Corn Seed Treatments\*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,MAG	Acceleron® 250, Federal ArmourGuard
AC,P2V	Acceleron® Poncho 250/Votivo
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmourGuard
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Inoculant
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
MQ	Maxim Quattro
Treated	Treated seed, unspecified

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