

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

2021 Corn Grain Top 30 Harvest Report

Iowa North [IANO] SIOUX CENTER, IA
Chris Vander Brink, Sioux County, IA

Ultra Early-Season Test 95 - 100 Day CRM
B2021IANO03u

Top 30 of 60 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Extendimax,
Roundup

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

SOIL CONDITION: Minimum W/O Fall Till, very high
P, very high K, 6.1 pH, 3.7%
OM, 21.3 CEC

PEST MANAGEMENT: Harness Max, Acuron

FERTILITY - Applied N: 220 Fall, 106 Spring

Applied N-P-K (units): 326-144-148

SEEDED - RATE - ROW: Apr 29 35.7 /A 30" spacing

HARVESTED - STAND: Oct 26 34.0 /A

TEST COMMENTS:

Compared to other parts of northern Iowa, the furthest northwestern counties of the state have broken out of drought conditions toward the last part of the growing season. This includes Chris' farm here in Sioux county. Thanks to a consistent pattern of showers that set up after the start of July, several rain events in excess of 1" brought much needed moisture to the area. With high fertility and deep soils, plants were very healthy. Ears filled out nicely with deep kernels and test weights over 57 lbs/bu. Late season rainfall and a lack of freezing temperatures favored later maturities in general.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A2150-5222-EZ ↗	5222	100	265.7	17.6	0	34.2	1378	1
Pioneer	P9998Q GC ↗	QR	99	265.6	17.9	0	34.2	1375	2
Hi Fidelity Genetics	HFG1002 ↗	CONV	100	261.1	16.9	3	34.2	1358	3
Cornelius	C6002SS ↗	STX	100	258.2	17.8	0	34.2	1338	5
Titan Pro	26-00 ↗	CONV	100	257.3	17.3	0	34.2	1336	6
Latham	LH 4937 VT2P RIB ↗	VT2P	99	256.7	17.0	0	34.2	1335	7
Titan Pro	11-98 2P ↗	VT2P	98	256.7	16.1	0	34.2	1341	4
Augusta	A2545-5122-EZ ↗	5122	95	255.6	17.9	0	34.2	1324	11
Renk	RK579DGV2P ↗	VT2PDG	99	255.5	17.0	0	34.2	1329	8
Renk	RK590VT2P ↗	VT2P	98	255.3	17.1	0	34.2	1327	9
Anderson	726VT2P ↗	VT2P	98	254.9	17.1	0	34.2	1325	10
Federal	4805 VT2PRIB ↗	VT2P	98	254.2	17.1	0	31.5	1321	13
Hefty	H5055 ↗	TRE	100	253.4	16.0	5	34.2	1324	12
NuTech	60A2Q ↗	QR	100	253.4	17.4	0	34.2	1315	16
FS InVision	FS 5098V RIB ↗	VT2P	100	253.1	16.7	24	34.2	1318	14
Titan Pro	84-01 ↗	CONV	101	252.9	17.5	0	34.2	1312	19
Anderson	681SRC ↗	STX	100	252.7	17.2	0	34.2	1313	18
Hefty	H4942 RIB ↗	VT2P	99	252.4	16.1	3	34.2	1318	15
Titan Pro	22-00 2P ↗	VT2P	100	252.4	17.6	0	34.2	1309	21
Federal	4990 VT2PRIB ↗	VT2P	99	252.2	17.2	0	34.2	1310	20
NuTech	58B1AM ↗	AM	98	252.0	16.3	0	34.2	1315	17
Cornelius	C5846DP ↗	VT2P	98	252.0	17.3	0	34.2	1309	22
Cornelius	C6042DP ↗	VT2P	100	251.3	17.0	3	34.2	1307	23
Epley	E9910 ↗	CONV	99	250.9	17.4	0	34.2	1302	24
Wyffels	W1546RIB ↗	VT2P	96	250.5	17.1	9	34.2	1302	25
Pioneer	P9880AMXT GC ↗	AMXT	98	249.8	16.7	0	34.2	1301	26
Wyffels	W2016 ↗	VT2P	98	249.6	16.5	0	34.2	1301	27
Kruger	K9915DP ↗	VT2P	99	248.8	17.3	0	34.2	1292	28
Titan Pro	92-99 2P ↗	VT2P	99	248.7	17.1	0	34.2	1292	29
FS InVision	FS 4715V RIB ↗	VT2P	97	247.5	16.4	0	32.9	1291	30

Averages = **247.0** 17.1 2 34.0 1284

LSD (0.10) = 8.8 0.5 6

LSD (0.25) = 4.6 0.3 3

C.V. = 3.4

Historic yield: 201.47 bu/a, 1 yr(s)

Corey Rozenboom

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

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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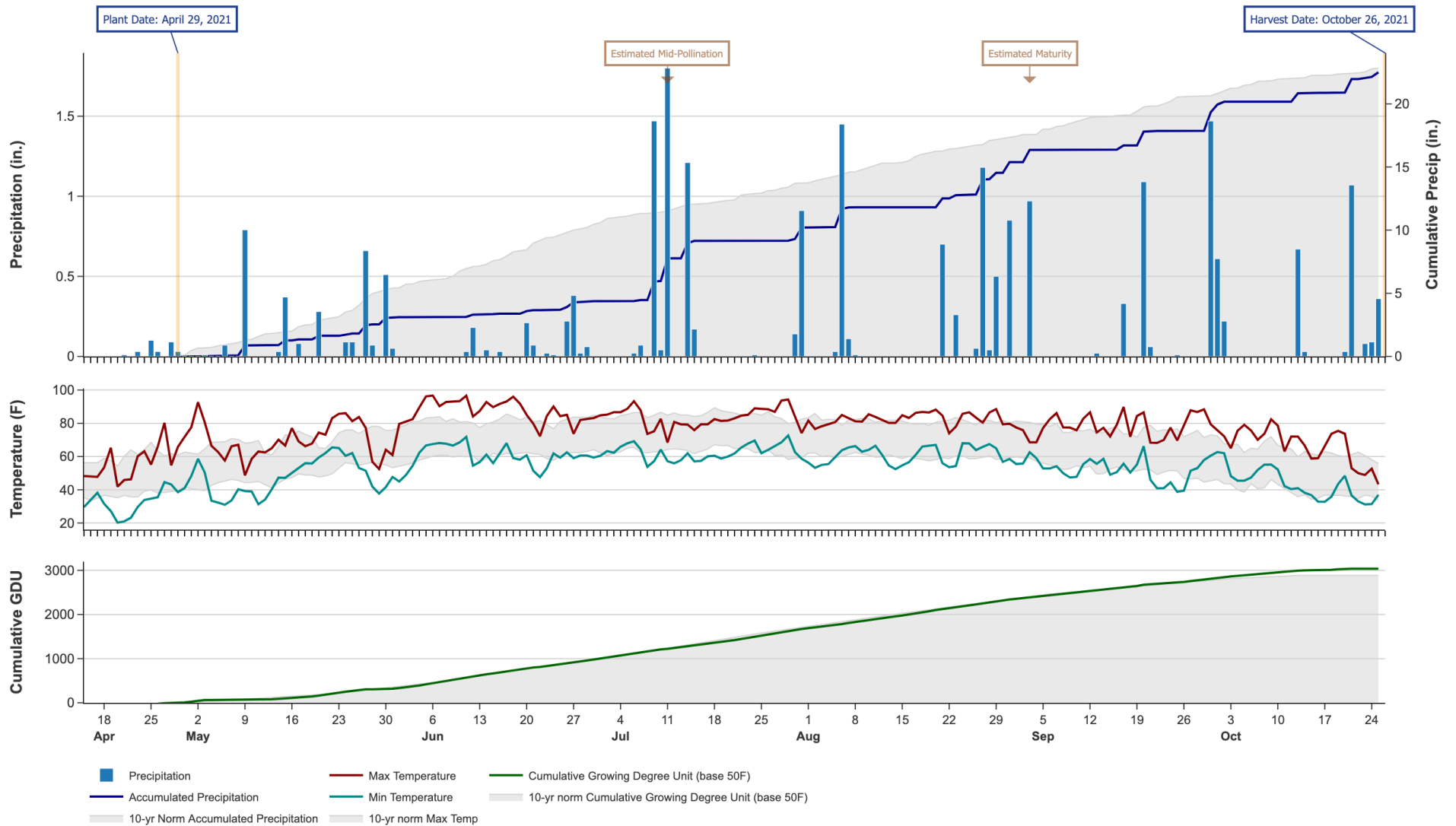
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2021 Corn - Iowa North [IANO]

Weather Conditions Summary at SIOUX CENTER, IA

Weather Data Retrieved: 10/26/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.3 1.8 (-1.5)	3.1 5.3 (-2.2)	1.3 5.1 (-3.8)	5.8 3.2 (+2.6)	5.2 3.6 (+1.5)	4.0 3.3 (+0.7)	3.2 2.2 (+1.0)	22.8 24.5 (-1.7)
GDU Normal (Diff)	42 40 (+1)	308 337 (-29)	662 626 (+35)	691 739 (-48)	670 639 (+30)	479 435 (+43)	217 102 (+114)	3069 2920 (+148)



* 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.

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Ultra Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Anderson	681SRC	STX	N	100	AC,P5V
Anderson	726VT2P	VT2P	N	98	AC,P2V
Augusta	A1849-5122-EZ	5122	Y	99	AVC,C2
Augusta	A2050 VT2P	VT2P	N	100	AC250
Augusta	A2150-5222-EZ	5222	Y	100	CM,C2
Augusta	A2545-5122-EZ	5122	Y	95	CM,C2
Cornelius	C5846DP	VT2P	N	98	CM,C2,Vi
Cornelius	C6002SS	STX	N	100	P5V
Cornelius	C6042DP	VT2P	N	100	CM,C2,Vi
Dyna-Gro	D36VC66	VT2P	N	97	AC,P5V
Epley	E9910	CONV	N	99	CM, Vi
Federal	4805 VT2PRIB	VT2P	Y	98	AC,P2,MAG
Federal	4820 VT2P	VT2P	N	98	AC,P5V,MAG
Federal	4990 VT2PRIB	VT2P	Y	99	AC,P2,MAG
Federal	5005	CONV	N	100	AC,P2,MAG
FS InVision	FS 4507V RIB	VT2P	Y	95	AC,P2V
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V
FS InVision	FS 5098V RIB	VT2P	Y	100	P5V
Golden Harvest	G00H12-5122 EZR	5122	Y	100	AVC,C2,Vi
Golden Harvest	G95M41-5122 EZR	5122	Y	95	AVC,C2,Vi
Golden Harvest	G99E68-5122 EZR	5122	Y	99	AVC,C2,Vi
Hefty	H4842 RIB	VT2P	Y	98	HC
Hefty	H4922 RIB	VT2P	Y	99	HC
Hefty	H4933 RIB	VT2PDG	Y	99	HC
Hefty	H4942 RIB	VT2P	Y	99	HC
Hefty	H5055	TRE	N	100	HC
Hi Fidelity Genetics	HFG1002	CONV	N	100	AVC,C2
Kruger	K9701SS	STX	Y	97	AC,P5V,EDC-B
Kruger	K9915DP	VT2P	Y	99	AC,P5,EDC
Latham	LH 4657 VT2P RIB	VT2P	Y	96	AC,P2
Latham	LH 4669 SS RIB	STX	Y	96	AC,P5
Latham	LH 4937 VT2P RIB	VT2P	Y	99	AC,P2
Latham	LH 4957 VT2P RIB	VT2P	Y	99	AC,P5V,EDC-B
Latham	LH 5047 VT2P RIB	VT2P	Y	100	AC,P2
NK Brand	NK9653-5222 EZR	5222	Y	96	AVC,C2,Vi
NK Brand	NK9930-5122 EZR	5122	Y	99	AVC,C2,Vi
NK Brand	NK9991-5122 EZR	5122	Y	99	AVC,C2,Vi
NuTech	57A4Q	QR	Y	97	Lum,P1V
NuTech	58B1AM	AM	Y	98	Lum,P1V
NuTech	60A2Q	QR	Y	100	Lum,P1V
Pioneer	P9880AMXT GC	AMXT	N	98	Lum
Pioneer	P9998Q GC	QR	Y	99	Lum

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK561DGVT2PRIB	VT2PDG	Y	95	AC,P2
Renk	RK579DGVT2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P5V
Renk	RK593VT2PRIB	VT2P	Y	97	AC,P2
Renk	RK600VT2P	VT2P	N	100	AC,P2
Titan Pro	11-98 2P	VT2P	Y	98	AC,P5
Titan Pro	22-00 2P	VT2P	Y	100	AC,P2
Titan Pro	26-00	CONV	N	100	AC,P2
Titan Pro	84-01	CONV	N	101	AC,P2
Titan Pro	92-99 2P	VT2P	Y	99	AC,P2
Viking	44-98	CONV	N	98	CM,C2,Sb
Viking	52-00	CONV	N	100	CM,C2,Sb
Viking	52-96	CONV	N	96	CM,C2,Sb
Viking	99-00	CONV	N	100	CM,C2,Sb
Wyffels	W1466	VT2P	N	94	AC,P2
Wyffels	W1546RIB	VT2P	Y	96	AC,P2
Wyffels	W2016	VT2P	N	98	AC,P2
Wyffels	W2236RIB	VT2P	Y	99	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

[^] 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

5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
CONV	Conventional
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
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,P5	Acceleron® 500
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmorGuard
AVC,C2	Avicta® Complete 250
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Innoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM, Vi	CruiserMaxx®, Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
P5V	Poncho 500/Votivo

* Seed treatments may include unspecified plant health promoting components.