

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

2021 Corn Grain Top 30 Harvest Report

Iowa North [IANO] BRITT, IA

Donald Kirsch, Hancock County, IA 50483

Ultra Early-Season Test 95 - 100 Day CRM
B2021IANO04u

Top 30 of 60

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

PREV. CROP/HERB:

Soybeans / Zidua Pro, Dual,
Warrant

SOIL DESCRIPTION:

Harcot clay loam, mod. well
drained, non-irrigated

SOIL CONDITION:

No-Till, very low P, medium K,
8.1 pH, 5.6% OM, 30.5 CEC

PEST MANAGEMENT:

Balance Flex, Atrazine, Impact,
Delaro Complete

FERTILITY - Applied N:

45 Spring, 125 Sidedress

Applied N-P-K (units):

170-86-69

SEEDED - RATE - ROW:

Apr 30 38.0 /A 30" spacing

HARVESTED - STAND:

Oct 18 36.0 /A

TEST COMMENTS:

This Harcot clay loam has a history of producing very well on Donald's farm and can handle higher populations so we bumped up planting rates just a little. Rainfall patterns through the season seemed to hit at just the right time. None were excessive and several were +1 in. This was a garden spot of sorts for northern Iowa. This area even experienced some relief from the D2 (severe) drought that was in place at mid-July. Plants stood well at harvest and ear shanks were strong. No signs of disease were observed.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P9998Q GC ↗	QR	99	273.0	15.7	0	36.2	1429	1
<i>Titan Pro</i>	<i>84-01 ↗</i>	<i>CONV</i>	<i>101</i>	269.8	15.3	0	35.5	1415	2
Federal	4990 VT2PRIB ↗	VT2P	99	269.0	15.3	0	36.2	1410	3
Epley	E9910 ↗	CONV	99	266.3	14.9	0	36.2	1398	4
Federal	5005 ↗	CONV	100	265.2	13.7	0	36.2	1392	5
Hi Fidelity Genetics	HFG1002 ↗	CONV	100	260.8	13.8	0	36.2	1369	6
Renk	RK579DGV2P ↗	VT2PDG	99	260.2	14.9	0	36.2	1366	7
NuTech	60A2Q ↗	QR	100	260.1	15.9	0	36.2	1360	8
Titan Pro	22-00 2P ↗	VT2P	100	259.6	16.1	0	36.2	1356	9
Cornelius	C5846DP ↗	VT2P	98	258.3	13.9	0	36.2	1356	10
Augusta	A2150-5222-EZ ↗	5222	100	258.2	16.6	0	34.9	1345	14
Anderson	681SRC ↗	STX	100	258.0	14.8	0	36.2	1354	11
Federal	4805 VT2PRIB ↗	VT2P	98	257.2	14.1	0	36.2	1350	12
Titan Pro	11-98 2P ↗	VT2P	98	256.5	14.2	0	35.5	1347	13
Kruger	K9701SS ↗	STX	97	255.9	15.3	0	36.2	1341	15
Renk	RK590VT2P ↗	VT2P	98	255.0	14.4	0	36.2	1339	16
Latham	LH 4957 VT2P RIB ↗	VT2P	99	254.3	14.0	0	34.9	1335	17
Wyffels	W1546RIB ↗	VT2P	96	253.8	14.3	0	35.5	1332	18
Titan Pro	26-00 ↗	CONV	100	253.5	15.4	0	36.2	1328	21
Hefty	H4942 RIB ↗	VT2P	99	253.3	13.9	0	36.2	1330	19
Cornelius	C6042DP ↗	VT2P	100	253.1	14.1	0	36.2	1329	20
NuTech	58B1AM ↗	AM	98	252.8	14.3	0	35.5	1327	22
NuTech	57A4Q ↗	QR	97	251.6	15.8	0	36.2	1316	25
Renk	RK561DGV2PRIB ↗	VT2PDG	95	251.3	14.5	0	36.2	1319	23
Wyffels	W2236RIB ↗	VT2P	99	251.3	15.2	0	36.2	1318	24
Golden Harvest	G00H12-5122 EZR ↗	5122	100	251.2	16.4	0	36.2	1310	29
Cornelius	C6002SS ↗	STX	100	251.0	16.3	0	36.2	1310	30
Hefty	H4922 RIB ↗	VT2P	99	250.6	14.7	0	36.2	1316	26
Kruger	K9915DP ↗	VT2P	99	250.4	15.0	0	36.2	1314	27
Viking	44-98 ↗	CONV	98	250.0	14.0	0	36.2	1312	28

Corey Rozenboom

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Averages = **249.4** **14.7** **0** **36.0** **1308**

LSD (0.10) = 10.7 0.5 ns

LSD (0.25) = 5.6 0.2 ns

C.V. = 4.1

Historic yield: 222.59 bu/a, 7 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.25

Report Date: 10/18/2021

Revised: 10/27/2021 Corrected product maturity exceedance

Additional reports available at www.firstseedtests.com

† 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

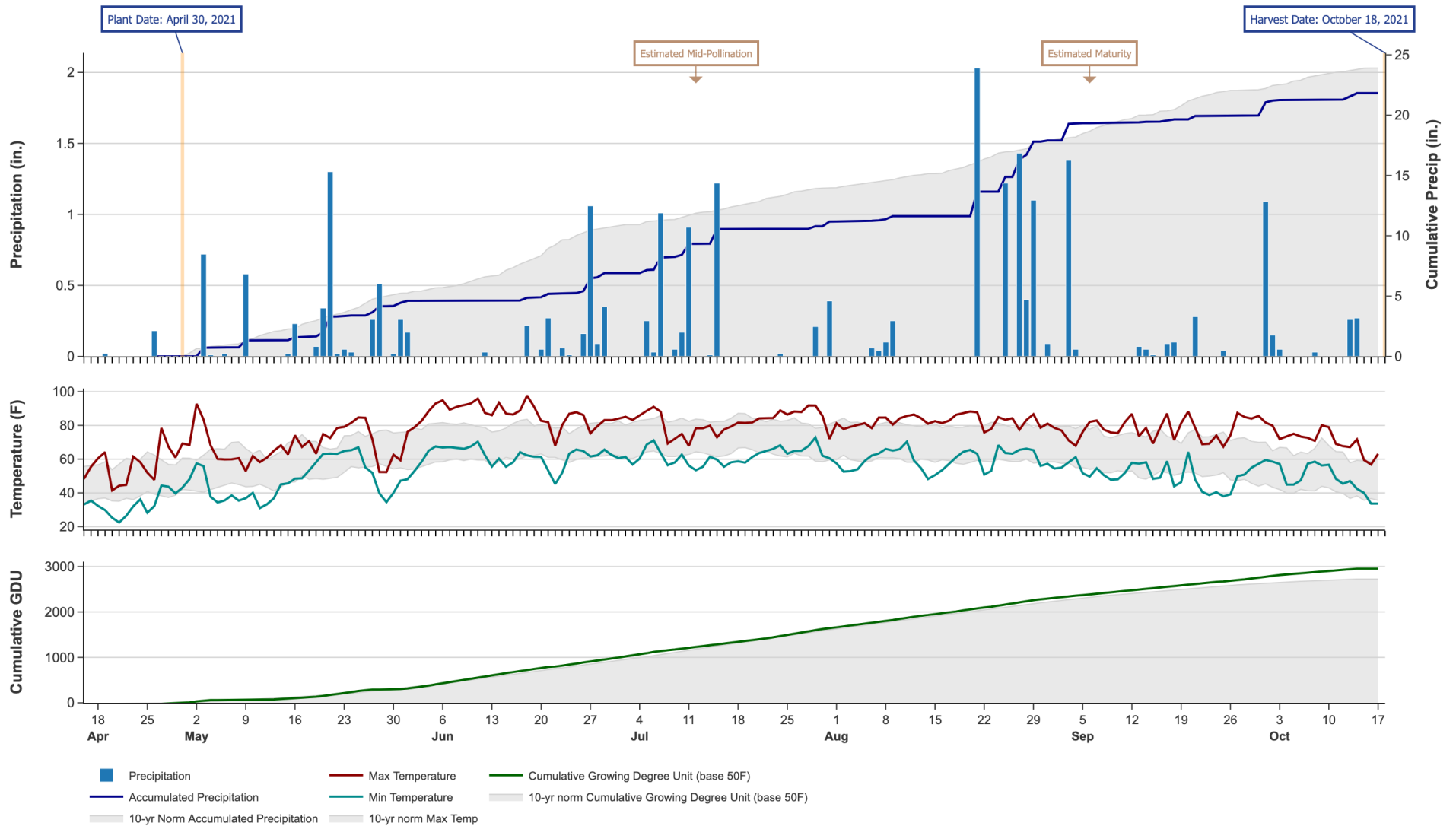
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2021 Corn - Iowa North [IANO]

Weather Conditions Summary at BRITT, IA

Weather Data Retrieved: 10/18/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 2.0 (-1.8)	4.4 5.2 (-0.8)	2.5 5.5 (-3.0)	4.3 3.3 (+1.0)	6.7 3.9 (+2.9)	2.1 4.3 (-2.2)	1.9 1.8 (+0.1)	22.0 25.9 (-3.9)
GDU Normal (Diff)	38 18 (+19)	303 314 (-11)	673 588 (+84)	667 702 (-35)	654 613 (+40)	463 408 (+54)	193 96 (+96)	2991 2743 (+247)



* 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.

† Product entered by seed company as 100 RM maturity. Corrected to 101 RM. Over-limit maturity designated with italics in report.

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.