

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

## 2023 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  
B2023IANO03u

**Top 30 of 54** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Dicamba, Roundup  
Powermax

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

**SOIL CONDITION:** Minimum W/O Fall Till, very high  
P, very high K, 6.2 pH, 4.2%  
OM, 22.5 CEC

**PEST MANAGEMENT:** Harness Max

**FERTILITY - Applied N:** 225 Fall, Fall applied hog  
manure analysis (225-157-246)

**Applied N-P-K (units):** 225-157-246

**SEEDED - RATE - ROW:** Apr 26 35.7 /A 30" spacing

**HARVESTED - STAND:** Oct 25 33.8 /A

### TEST COMMENTS:

Most of Sioux County has remained in a moderate drought for the entire season, however, rainfall has been timely on this farm. With the exception of a large storm that dumped 6.5" on Aug 6, showers through the remainder of the season were small but just enough to allow the plants to form large ears and deep kernels. July was cool and dry which likely reduced foliar disease development during reproductive stages. Chris did not notice excessive pressure of any kind. Corn was standing well at harvest with very little lodging observed.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K0019DT ↗	TRE	100	<b>252.0</b>	17.2	1	34.5	1137	1
Wyffels	W1996RIB ↗	VT2P	98	<b>247.8</b>	17.2	2	34.5	1118	2
Wyffels	W2446RIB ↗	VT2P	100	<b>247.4</b>	17.4	2	33.2	1114	3
Cornelius	C5922SSP ↗	STXP	99	<b>246.9</b>	17.3	1	33.2	1113	4
DeKalb	DKC47-84RIB GC ↗	STX	97	<b>246.5</b>	17.2	1	33.9	1112	5
Pioneer	P0075Q GC ↗	QR	100	<b>243.0</b>	17.3	1	35.2	1096	6
NuTech	60A4AM ↗	AM	100	<b>242.1</b>	17.4	2	31.9	1091	7
NuTech	59C1AM ↗	AM	99	<b>241.5</b>	17.1	2	33.2	1090	8
Wyffels	W1988 ↗	STX	98	<b>241.3</b>	17.5	1	33.9	1086	9
NuTech	57B5AM ↗	AM	97	<b>239.8</b>	17.3	1	32.9	1081	10
Integra	4993 TRERIB ↗	TRE	99	<b>239.2</b>	17.2	1	33.2	1080	11
Renk	RK600VT2P ↗	VT2P	100	<b>238.8</b>	17.7	1	32.6	1073	13
Renk	RK582SSTX ↗	STX	98	<b>238.3</b>	17.2	1	33.9	1076	12
Renk	RK597SSPRO ↗	STXP	99	237.6	17.2	1	35.2	1072	14
Golden Harvest	G00A97-AA ↗	AA	100	237.3	17.3	1	32.5	1070	15
Viking   Blue River	24-99 ↗	CONV	99	235.5	17.3	1	32.5	1061	16
NuTech	56A8AM ↗	AM	96	234.7	17.3	1	33.9	1058	17
Rob-See-Co	RC4937-SSP ↗	STXP	99	232.0	17.2	1	32.6	1046	18
Cornelius	C5704TRE ↗	TRE	97	231.8	17.3	1	33.2	1045	19
Pioneer	P9823Q GC ↗	QR	98	231.1	17.3	1	35.8	1041	20
Kruger	K9864DT ↗	TRE	98	230.4	17.4	1	35.2	1038	21
NuTech	60A2Q ↗	QR	100	230.3	17.4	1	31.2	1038	22
FS InVision	FS 4927T RIB ↗	TRE	99	228.8	17.1	1	33.9	1033	23
Integra	CXINT099TRE ↗	TRE	99	228.1	17.0	1	33.9	1031	24
Viking   Blue River	45-97 ↗	CONV	97	227.3	17.1	1	31.9	1027	25
Kruger	K9815SS ↗	STX	98	226.4	17.2	1	35.2	1022	26
Viking   Blue River	44-98 ↗	CONV	98	223.6	17.4	2	33.9	1007	27
Golden Harvest	G97B68-DV ↗	DV	97	223.0	17.4	1	33.9	1004	28
Renk	RK579DGV2P ↗	VT2PDG	99	222.2	17.5	1	33.9	1000	29
Renk	RK590VT2P ↗	VT2P	98	221.0	17.1	1	34.5	998	30

Averages = **223.3** **17.3** **2** **33.8** **989**

LSD (0.10) = 14.9 0.2 2

LSD (0.25) = 7.8 0.1 1

C.V. = 6.3

Historic yield: 233.98 bu/a, 2 yr(s)

Corey Rozenboom

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.60

Report Date: 10/26/2023

Revised: 11/10/2023 Correct Nitrogen total applied, no other data changes.

Additional reports available at [www.firstseedtests.com](http://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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

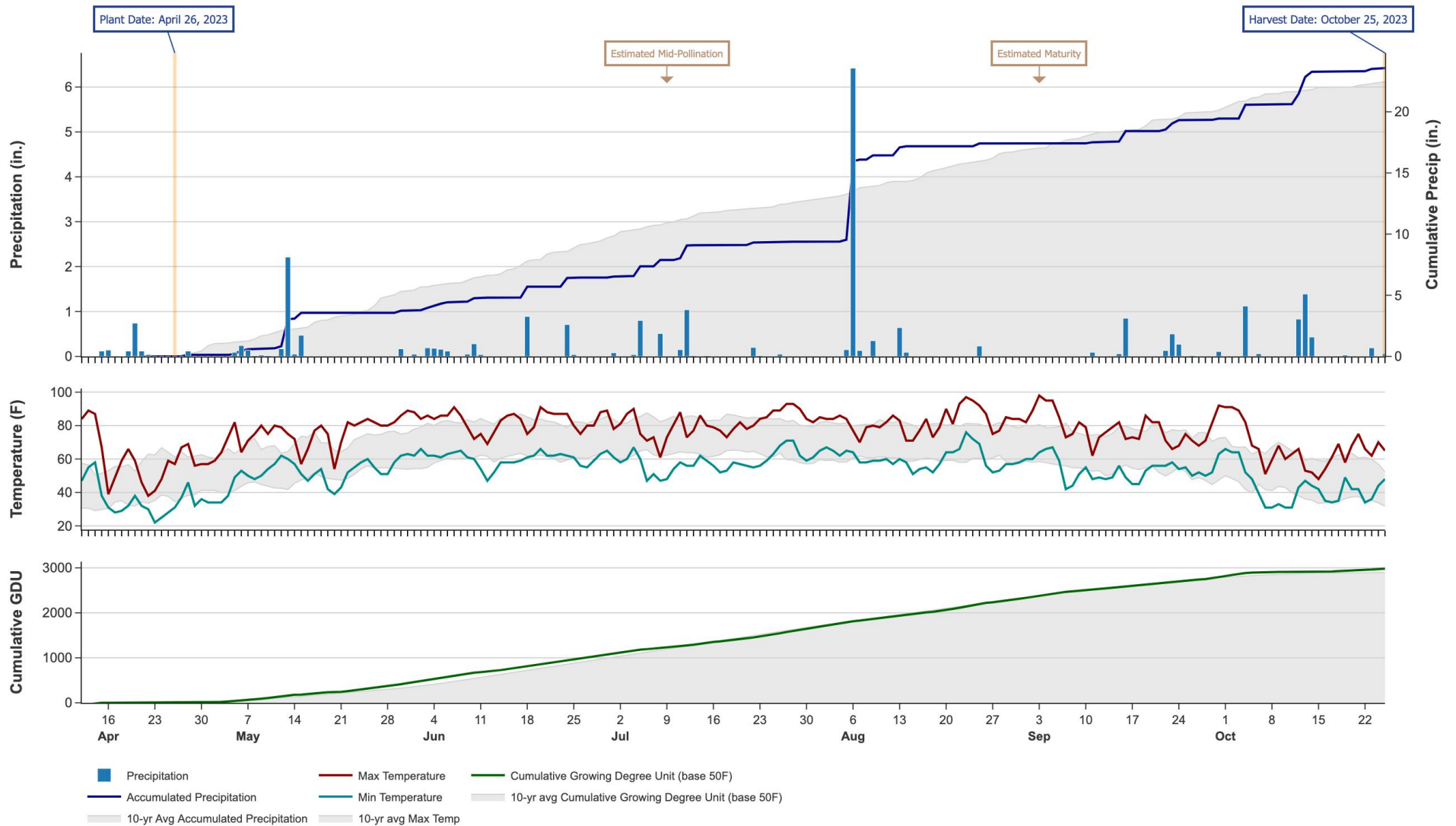
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# 2023 Corn - Iowa North [ IANO ]

## Weather Conditions Summary at SIOUX CENTER, IA

Weather Data Retrieved: 11/10/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.4   1.5 (-0.1)	3.6   5.0 (-1.4)	2.7   4.3 (-1.6)	2.9   3.1 (-0.2)	8.0   4.0 (+4.0)	2.0   3.3 (-1.3)	4.1   2.3 (+1.8)	24.9   23.6 (+1.3)
GDU   Avg (Diff)	86   34 (+51)	420   321 (+98)	638   642 (-4)	594   711 (-117)	643   628 (+14)	480   461 (+18)	189   107 (+81)	3050   2908 (+141)



\* 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.

## 2023 Corn - Iowa North [ IANO ]

### Ultra Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1946-AA	AA	N	96	CM,C2
Augusta	A2047-PWE	PCE	N	97	AC,P5V
Augusta	A2048-AA	AA	N	98	CM,C5
Cornelius	C5704TRE	TRE	N	97	AC,P5V,EDC-EL
Cornelius	C5922SSP	STXP	N	99	CM,C2,Vi,Va
Cornelius	C5972TRE	TRE	N	99	CM,C2,Vi,Va
DeKalb	DKC47-84RIB GC	STX	Y	97	AC,P5V,EDC-EL
DenBesten	DB30-97	CONV	N	97	CM,C2,Vi
DenBesten	DB33-99	CONV	N	99	CM,C2,Vi
FS InVision	FS 4535D2 EZR	V	Y	95	CM,C5,Va
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V,EDC-EL
FS InVision	FS 4927T RIB	TRE	Y	99	AC,P5V,EDC-EL
FS InVision	FS 5035P	STXP	N	100	AC,P5V,EDC-EL
Golden Harvest	G00A97-AA	AA	Y	100	CM,C5,Va
Golden Harvest	G97B68-DV	DV	Y	97	AVC,C1,Va
Golden Harvest	G98B99-AA	AA	Y	98	CM,C5,Va
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,SU+Zn
Integra	4993 TRERIB	TRE	N	99	AC,P5V,SU+Zn
Integra	CXINT099TRE	TRE	Y	99	AC,P5V,SU+Zn,PT
Jacobsen	JS5044DGVT2P	VT2PDG	Y	95	Treated
Jacobsen	JS7045VT2PRO	VT2P	Y	95	Treated
Jacobsen	JS7096VT2PRO	VT2P	Y	97	Treated
Jacobsen	JS9723TRE	TRE	Y	97	Treated
Kruger	K0019DT	TRE	Y	100	AC,P5V
Kruger	K9815SS	STX	Y	98	AC,P5V
Kruger	K9864DT	TRE	Y	98	AC,P5V
NuTech	56A8AM	AM	Y	96	Lum, L1
NuTech	57A4Q	QR	Y	97	Lum, L1
NuTech	57B5AM	AM	Y	97	Lum, L1
NuTech	59A1Q	QR	Y	99	Lum, L1
NuTech	59C1AM	AM	Y	99	Lum, L1
NuTech	60A2Q	QR	Y	100	Lum, L1
NuTech	60A4AM	AM	Y	100	Lum, L1
Pioneer	P0075Q GC	QR	Y	100	Lum, L1
Pioneer	P9823Q GC	QR	Y	98	Lum, L1
Renk	RK571PWE	PCE	N	96	Lum,P5V
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK582SSTX	STX	N	98	AC,P5V
Renk	RK590VT2P	VT2P	N	98	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V,B300
Renk	RK600VT2P	VT2P	N	100	AC,P2
Rob-See-Co	RC4518-VT2P	VT2P	Y	95	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Rob-See-Co	RC4779-PCE	PCE	N	97	CM,C2,Vi,Va
Rob-See-Co	RC4937-SSP	STXP	Y	99	P5V
Rob-See-Co	RC5062-AA	AA	Y	100	CM,C2,Vi,Va
Titan Pro	28-96 PCE	PCE	N	96	CM,C2,Vi,Va
Titan Pro	30-00 SS	STX	Y	100	AC,P5V
Titan Pro	37-97 DV	DV	Y	97	CM,C2,Vi,Va
Viking   Blue River	24-99	CONV	N	99	AC,P2
Viking   Blue River	44-98	CONV	N	98	CM,C2,Sb
Viking   Blue River	45-97	CONV	N	97	CM,C2,Sb
Wyffels	W1988	STX	N	98	AC,P5
Wyffels	W1996RIB	VT2P	Y*	98	CM,C2,Vi,Va
Wyffels	W2446RIB	VT2P	Y*	100	CM,C2,Vi,Va

\* 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

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CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

### Corn Technologies

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AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
CONV	Conventional
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

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

## Corn Seed Treatments\*

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NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Inoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5	Cruisermaxx® 500
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

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