

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

## 2023 Corn Grain Top 30 Harvest Report

Iowa North [IANO] WEBB, IA  
Jeff Chalstrom, Clay County, IA

<b>Ultra Early-Season Test</b>	95 - 100 Day CRM B2023IANO02u
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Liberty, Enlist, Sonic, Roundup, 2-4 D, Fusilade
<b>SOIL DESCRIPTION:</b>	Waldorf-Nicollet silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Strip-Till, high P, medium K, 5.7 pH, 4.8% OM, 28.2 CEC
<b>PEST MANAGEMENT:</b>	Callisto, Atrazine, Trivapro, Bifenthrin
<b>FERTILITY - Applied N:</b>	75 Planter, 90 Sidedress, 10 S
<b>Applied N-P-K (units):</b>	165-80-80
<b>SEEDING - RATE - ROW:</b>	May 5 35.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 21 34.5 /A

### TEST COMMENTS:

Regular rainfall from planting through pollination gave the corn on Jeff's farm a great start. May was warm and a few big rain events soaked in well to allow for good emergence and early vigor. Soil moisture at pollination was ideal as July was a bit cooler than usual. Ears at harvest were mostly 16-18 around and filled to the tip. A fungicide application protected top-end yields and consistency across the trial area was excellent. This was one of the rare garden spots in northern Iowa that seemed to have just the right amount of moisture to keep the crop going all year round. This site ended just 2" below the 10-yr average from planting through black layer.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	59C1AM ↗	AM	99	<b>267.1</b>	14.5	1	33.9	1229	1
Renk	RK590VT2P ↗	VT2P	98	<b>265.9</b>	13.8	1	35.8	1223	2
Wyffels	W1996RIB ↗	VT2P	98	<b>265.6</b>	14.1	1	35.2	1222	3
Renk	RK582SSTX ↗	STX	98	<b>265.1</b>	14.3	1	35.2	1219	4
FS InVision	FS 4927T RIB ↗	TRE	99	<b>264.2</b>	14.4	1	33.9	1215	5
Rob-See-Co	RC4937-SSP ↗	STXP	99	<b>262.7</b>	14.4	1	33.9	1208	6
NuTech	60A4AM ↗	AM	100	<b>260.6</b>	15.1	1	35.2	1197	8
Wyffels	W2446RIB ↗	VT2P	100	<b>260.4</b>	14.7	1	33.9	1198	7
Pioneer	P9823Q GC ↗	QR	98	<b>260.2</b>	14.3	1	34.5	1197	9
NuTech	57B5AM ↗	AM	97	259.3	14.2	1	33.2	1193	10
Kruger	K0019DT ↗	TRE	100	259.1	14.6	1	35.2	1192	11
Jacobsen	JS7045VT2PRO ↗	VT2P	95	258.0	14.1	1	34.5	1187	12
Wyffels	W1988 ↗	STX	98	257.3	14.9	1	34.5	1184	13
Pioneer	P0075Q GC ↗	QR	100	256.3	15.1	1	34.5	1178	14
FS InVision	FS 5035P ↗	STXP	100	256.0	14.8	1	34.5	1178	15
Renk	RK600VT2P ↗	VT2P	100	255.9	14.3	1	35.2	1177	16
Cornelius	C5972TRE ↗	TRE	99	255.8	14.5	1	33.9	1177	17
Jacobsen	JS5044DGV2P ↗	VT2PDG	95	255.1	14.4	1	33.2	1173	18
Titan Pro	28-96 PCE ↗	PCE	96	255.0	14.3	1	33.9	1173	19
Integra	4993 TRERIB ↗	TRE	99	254.7	14.5	1	33.8	1172	20
Golden Harvest	G97B68-DV ↗	DV	97	254.4	15.0	1	35.2	1170	21
Augusta	A2047-PWE ↗	PCE	97	253.9	14.5	1	33.9	1168	22
Integra	CXINT099TRE ↗	TRE	99	253.2	15.1	1	35.8	1164	23
Cornelius	C5922SSP ↗	STXP	99	252.8	14.5	1	33.9	1163	24
Viking   Blue River	44-98 ↗	CONV	98	251.3	15.0	1	34.5	1156	25
Viking   Blue River	45-97 ↗	CONV	97	251.3	14.2	1	34.5	1156	26
NuTech	56A8AM ↗	AM	96	251.1	14.0	1	35.2	1155	27
Kruger	K9815SS ↗	STX	98	250.5	15.0	1	34.5	1152	28
Rob-See-Co	RC4779-PCE ↗	PCE	97	250.2	14.5	1	35.2	1151	29
Titan Pro	37-97 DV ↗	DV	97	248.5	15.0	1	33.2	1143	30

Averages = **250.4** **14.8** **1** **34.5** **1130**

LSD (0.10) = 9.0 0.5 ns

LSD (0.25) = 4.7 0.3 ns

C.V. = 3.4

Historic yield: new site

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/22/2023

Revised: 01/30/2024 Management practice information revised, no changes to yield results.

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)

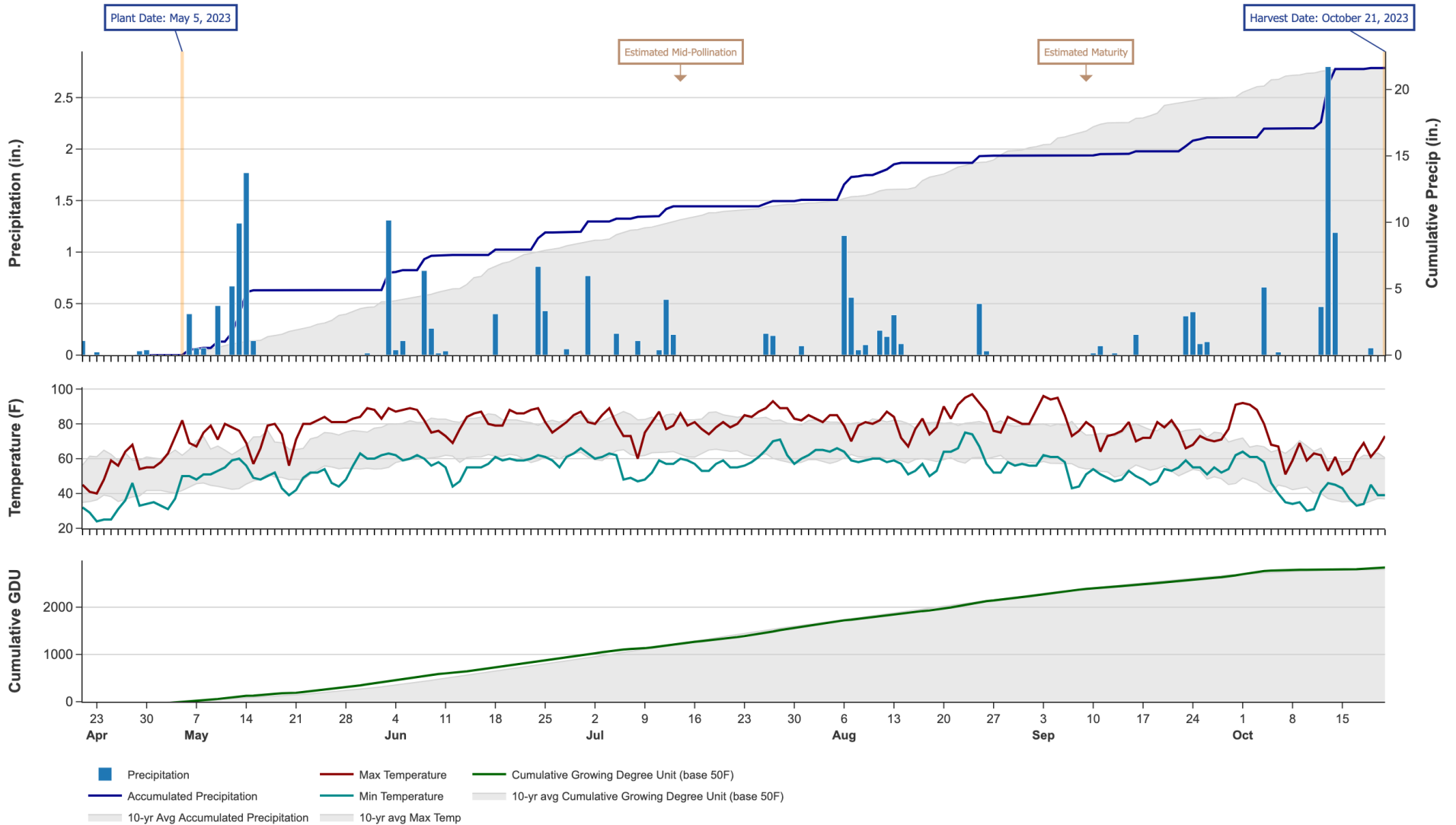
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# 2023 Corn - Iowa North [ IANO ]

## Weather Conditions Summary at WEBB, IA

Weather Data Retrieved: 01/30/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.3   0.9 (-0.7)	4.9   4.3 (+0.6)	4.4   4.9 (-0.5)	2.4   3.0 (-0.6)	3.3   4.0 (-0.7)	1.4   4.0 (-2.6)	5.2   2.3 (+2.9)	21.9   23.4 (-1.5)
GDU   Avg (Diff)	16   19 (-3)	396   312 (+83)	612   628 (-16)	598   702 (-104)	634   622 (+11)	458   453 (+4)	166   106 (+59)	2880   2843 (+36)



\* 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 (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.