

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

2023 Corn Grain Top 30 Harvest Report

Iowa North [IANO] IONIA, IA

Shanon Maloy, Chickasaw County, IA

Ultra Early-Season Test 95 - 100 Day CRM
B2023IANO05u

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

PREV. CROP/HERB: Soybeans / Boundary 6.5 Ec,
Roundup Powermax, Tavium,
Fusilade Dx, Roundup
Powermax

SOIL DESCRIPTION: Tripoli clay loam, moderately
drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, high P,
medium K, 6.0 pH, 6.6% OM,
28.6 CEC

PEST MANAGEMENT: Acuron, Medal li Ec, Miravis Neo

FERTILITY - Applied N: 100 Fall, 45 Spring, 46
Sidedress, 10 lbs/acre of
MicroSync

Applied N-P-K (units): 191-171-104

SEEDED - RATE - ROW: May 3 35.7 /A 30" spacing

HARVESTED - STAND: Oct 18 34.4 /A

TEST COMMENTS:

After some good moisture received during March-April, soils at planting were near ideal and produced good stands. But the theme for this area was the drought that progressed and grew more extreme throughout the season. Variability within fields was quite apparent between soils that held water well and those that didn't. The dry weather prevented foliar diseases from developing or having much effect. From planting through maturity, this farm was 13.6" below the 10-yr average. Stalk health at harvest was excellent and no lodging was observed among the hybrids at Shanon's farm.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W2446RIB ↗	VT2P	100	240.6	17.2	1	35.2	1086	1
Wyffels	W1988 ↗	STX	98	236.4	17.4	1	34.5	1065	4
Integra	4702 VT2PRIB ↗	VT2P	97	236.3	17.0	1	35.8	1068	2
Viking Blue River	44-98 ↗	CONV	98	236.2	17.1	1	33.9	1067	3
Cornelius	C5922SSP ↗	STXP	99	235.0	17.2	1	35.2	1060	6
Renk	RK571PWE ↗	PCE	96	234.5	16.9	1	34.5	1061	5
DeKalb	DKC47-84RIB GC ↗	STX	97	233.9	16.9	1	34.5	1058	7
Cornelius	C5972TRE ↗	TRE	99	233.7	17.3	1	33.2	1054	8
FS InVision	FS 5035P ↗	STXP	100	232.9	17.5	1	33.2	1048	11
Augusta	A1946-AA ↗	AA	96	232.7	17.2	1	33.9	1050	9
Pioneer	P9823Q GC ↗	QR	98	232.5	17.2	1	34.5	1049	10
NuTech	59C1AM ↗	AM	99	226.3	17.4	1	35.8	1019	12
Renk	RK597SSPRO ↗	STXP	99	222.2	17.2	1	34.5	1003	13
Golden Harvest	G98B99-AA ↗	AA	98	220.8	17.8	1	32.6	991	16
NuTech	60A2Q ↗	QR	100	220.4	17.2	1	33.2	994	14
Rob-See-Co	RC4937-SSP ↗	STXP	99	219.8	17.2	1	33.9	992	15
DenBesten	DB33-99 ↗	CONV	99	219.5	17.6	1	31.2	987	17
NuTech	57B5AM ↗	AM	97	218.4	17.0	1	31.9	987	18
Renk	RK579DGV2P ↗	VT2PDG	99	218.3	17.1	1	35.8	986	19
Wyffels	W1996RIB ↗	VT2P	98	218.1	17.1	1	35.2	985	20
Renk	RK600VT2P ↗	VT2P	100	216.9	17.3	1	35.8	978	21
NuTech	56A8AM ↗	AM	96	216.5	17.1	1	34.5	978	22
NuTech	57A4Q ↗	QR	97	216.5	17.3	1	33.2	976	23
Rob-See-Co	RC4779-PCE ↗	PCE	97	215.9	17.2	1	35.8	974	24
Integra	CXINT099TRE ↗	TRE	99	215.0	17.5	1	35.2	968	25
NuTech	60A4AM ↗	AM	100	212.7	17.6	1	34.5	957	27
Viking Blue River	45-97 ↗	CONV	97	212.5	16.8	1	31.9	962	26
Integra	4993 TRERIB ↗	TRE	99	212.4	17.4	1	35.8	956	28
Pioneer	P0075Q GC ↗	QR	100	212.4	17.5	1	34.5	956	29
Rob-See-Co	RC4518-VT2P ↗	VT2P	95	211.7	17.1	1	33.2	956	30

Corey Rozenboom

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Averages = **212.7** **17.3** **1** **34.4** **959**

LSD (0.10) = 17.1 0.3 ns

LSD (0.25) = 9.0 0.1 ns

C.V. = 7.6

Historic yield: new site

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.60

Report Date: 10/18/2023

† 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

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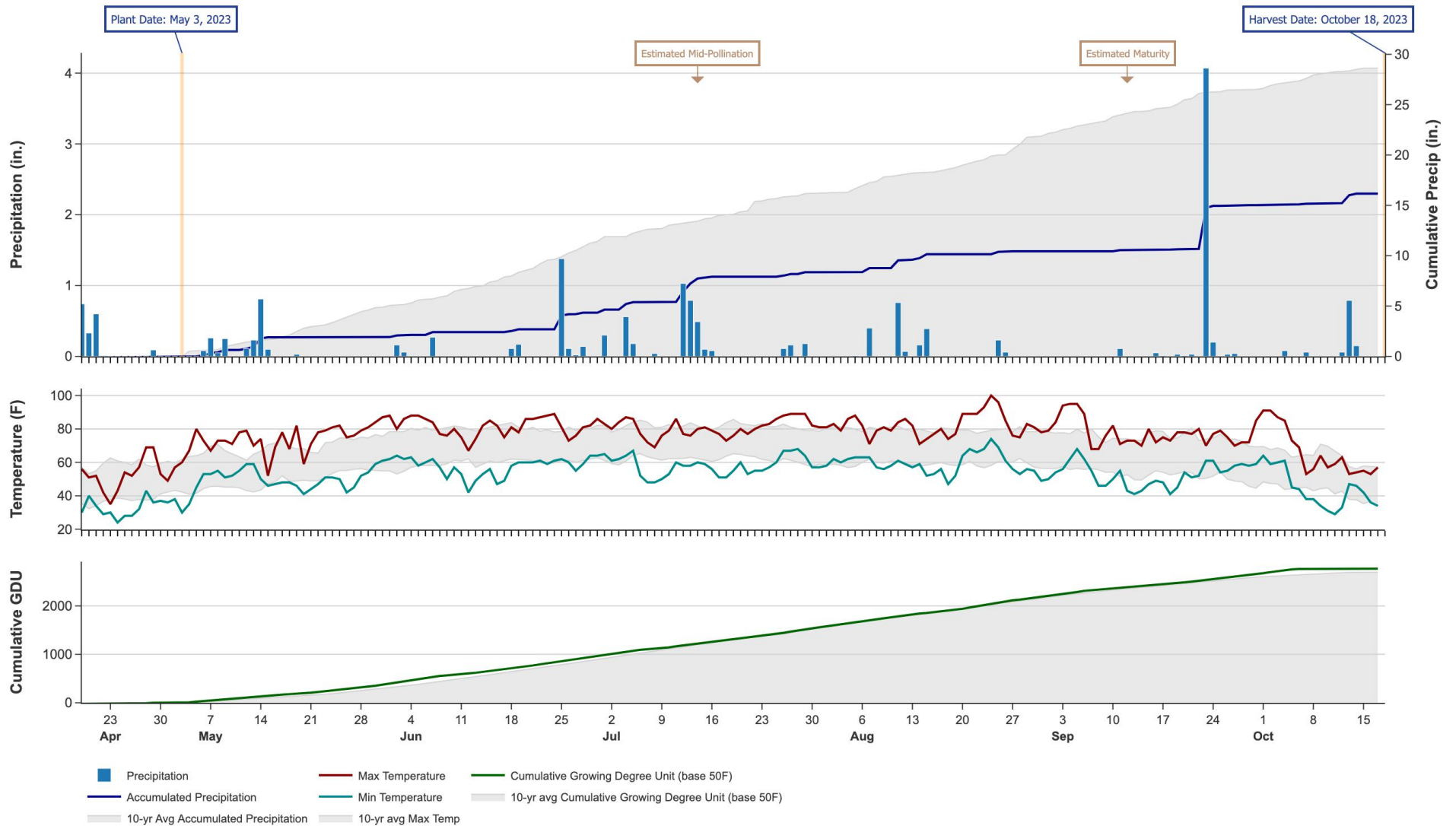
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2023 Corn - Iowa North [IANO]

Weather Conditions Summary at IONIA, IA

Weather Data Retrieved: 10/18/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.8 1.4 (+0.3)	1.9 5.6 (-3.7)	2.4 6.5 (-4.1)	4.0 4.8 (-0.8)	2.1 5.7 (-3.6)	4.6 4.6 (-0.1)	1.1 2.1 (-1.0)	17.9 30.8 (-12.8)
GDU Avg (Diff)	19 17 (+1)	374 310 (+63)	588 596 (-8)	597 673 (-76)	624 600 (+23)	468 428 (+39)	118 100 (+17)	2788 2727 (+60)



* 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	U	99	AC,P2
Viking Blue River	44-98	CONV	N	98	CM,C2,Sb
Viking Blue River	45-97	CONV	U	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

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

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®

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

Corn Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.