

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

## 2022 Corn Grain Top 30 Harvest Report

Iowa North [IANO] HULL, IA

Hull Coop Association, Evan Wielenga, Sioux County, IA

**Ultra Early-Season Test** 95 - 100 Day CRM  
B2022IANO03u

### Top 30 of 60

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

### PREV. CROP/HERB:

Soybeans / Zidua Pro, Liberty,  
Section Three

### SOIL DESCRIPTION:

Galva - Primghar silty clay loam,  
mod. well drained, non-irrigated

### SOIL CONDITION:

Conventional W/O Fall Till, high  
P, high K, 6.2 pH, 4.5% OM,  
23.1 CEC

### PEST MANAGEMENT:

Verdict, Callisto, Atrazine

### FERTILITY - Applied N:

72 Fall, 100 Spring, 32# S, 8  
tons/A of compost

### Applied N-P-K (units):

172-240-280

### SEEDED - RATE - ROW:

May 7 35.7 /A 30" spacing

### HARVESTED - STAND:

Oct 15 33.0 /A

## TEST COMMENTS:

We were very glad to work with Evan and the local coop to host the plot this season, while also providing a learning experience for the high school FFA chapter about field research, corn development, agronomy, and a presentation of the many different corn hybrids that farmers have to choose from. Every year has its own challenges, and this season, drought was a big factor the crops of northwest Iowa had to deal with. Typically, the deep Galva and Primghar soil types that represent this area hold water pretty well and can endure dry periods. Considering a precipitation deficit of 7.4" below the 10-yr average from planting through maturity, hybrids at this site had an opportunity to demonstrate resilience in the dry conditions experienced here this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	4993 TRERIB ↗	TRE	99	<b>232.7</b>	17.4	0	34.0	1568	1
Pioneer	P0075Q GC ↗	QR	100	<b>229.7</b>	17.9	0	33.8	1545	2
NuTech	60A4AM ↗	AM	100	<b>227.8</b>	18.8	0	33.6	1527	3
NuTech	59A1AM ↗	AM	99	<b>224.7</b>	17.6	0	32.9	1513	4
Golden Harvest	G99A37-DV ↗	DV	99	<b>224.6</b>	17.8	0	33.2	1512	5
FS InVision	FS 4927T RIB ↗	TRE	99	<b>222.5</b>	17.2	0	33.2	1501	6
Cornelius	C5972TRE ↗	TRE	99	<b>221.2</b>	17.3	0	33.5	1491	7
Federal	4930 VT2P ↗	VT2P	99	<b>221.0</b>	17.5	0	33.3	1489	9
Kruger	K9915DP ↗	VT2P	99	<b>221.0</b>	17.1	0	33.0	1491	8
Pioneer	P9998Q GC ↗	QR	99	<b>220.9</b>	17.6	0	31.8	1488	10
Renk	RK590VT2P ↗	VT2P	98	<b>219.8</b>	17.0	0	32.2	1484	11
Dyna-Gro	D38VC80 ↗	VT2P	98	<b>218.6</b>	16.9	0	33.9	1476	12
Federal	4830 TRE ↗	TRE	98	216.5	17.3	0	32.7	1460	13
FS InVision	FS 4715V RIB ↗	VT2P	97	215.7	17.0	0	33.1	1456	14
Integra	4702 VT2PRIB ↗	VT2P	97	215.0	16.6	0	31.9	1453	15
Augusta	A2150-5222-EZ ↗	DV	100	214.9	18.9	0	33.0	1441	19
Wyffels	W1758 ↗	STX	97	214.7	17.1	0	33.4	1449	16
Titan Pro	11-98 2P ↗	VT2P	98	214.5	16.7	0	31.9	1449	17
NuTech	57A4AM ↗	AM	97	214.0	17.5	0	32.9	1442	18
NK Brand	NK0007-AA ↗	AA	100	212.5	17.8	0	33.7	1430	20
NK Brand	NK9922-DV ↗	DV	99	211.9	17.5	0	34.7	1428	21
Kruger	K9815SS ↗	STX	98	211.7	17.2	0	32.2	1428	22
Kruger	K0019DT ↗	TRE	100	210.9	17.0	0	33.6	1424	23
Federal	4990 VT2PRIB ↗	VT2P	99	210.4	17.5	0	33.1	1418	25
Viking	44-98 ↗	CONV	98	210.4	16.9	0	31.9	1421	24
Dyna-Gro	D40VC41RIB ↗	VT2P	100	210.3	17.4	0	33.1	1418	26
Renk	RK600VT2P ↗	VT2P	100	210.1	17.2	0	34.0	1417	27
Wyffels	W2236RIB ↗	VT2P	99	209.3	17.3	0	33.1	1411	28
Wyffels	W2016 ↗	VT2P	98	209.0	16.9	0	33.6	1411	29
Golden Harvest	G00A97-AA ↗	AA	100	208.8	18.0	0	33.0	1404	30

*Corey Rozenboom*

Corey Rozenboom

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Averages = **208.6** **17.4** **0** **33.0** **1406**

LSD (0.10) = 7.9 0.3 ns

LSD (0.25) = 4.2 0.2 ns

C.V. = 3.6

Historic yield: new site

### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$6.80

Report Date: 10/16/2022

† 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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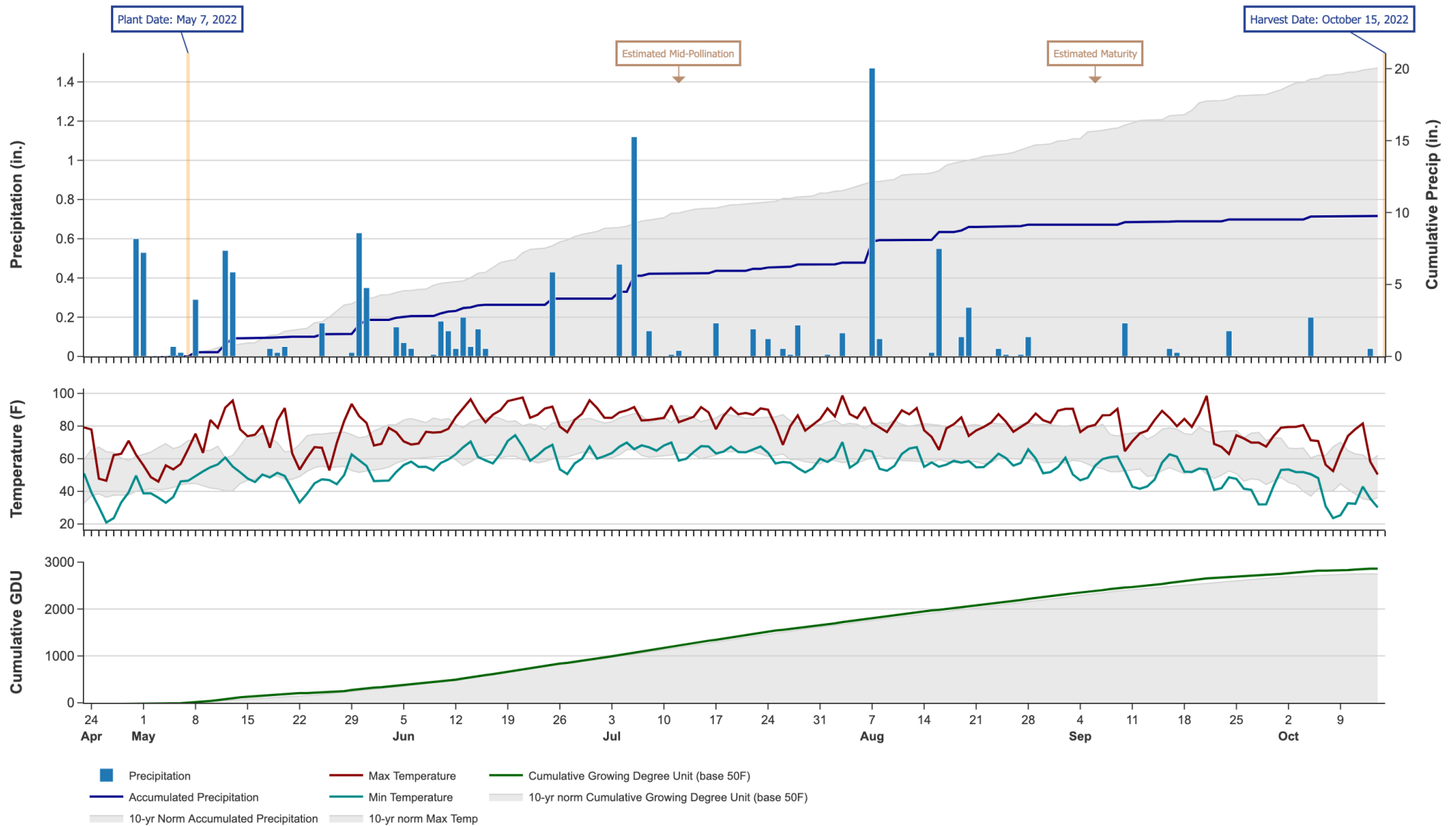
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# 2022 Corn - Iowa North [ IANO ]

## Weather Conditions Summary at HULL, IA

Weather Data Retrieved: 10/16/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.6   0.7 (-0.1)	3.1   5.0 (-1.8)	1.5   4.6 (-3.1)	2.4   2.8 (-0.4)	2.8   3.4 (-0.7)	0.4   3.6 (-3.2)	0.2   1.7 (-1.4)	11.0   21.7 (-10.7)
GDU   Normal (Diff)	46   35 (+10)	327   323 (+3)	606   632 (-26)	727   713 (+13)	624   616 (+7)	460   441 (+18)	127   80 (+46)	2917   2844 (+72)



\* 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	681VT2P	VT2P	N	100	AC,P2
Anderson	726VT2P	VT2P	N	98	AC,P2
Anderson	746SRC	STX	Y	98	Treated
Augusta	A2150-5222-EZ	DV	Y	100	CM,C2,Vi
Augusta	A22-250	AA	Y	100	AC,P5
Cornelius	C5922SSP	STXP	N	99	P5V
Cornelius	C5972TRE	TRE	N	99	AC,P5V
Cornelius	C6007DP	VT2P	N	100	P5V
DeKalb	DKC50-87RIB GC	STX	Y	100	AC,P5V
Dyna-Gro	D38VC80	VT2P	N	98	AC,P5V
Dyna-Gro	D40VC41RIB	VT2P	N	100	AC,P5V
Federal	4830 TRE	TRE	Y	98	AC,P5V,MAG
Federal	4930 VT2P	VT2P	Y	99	AC,P2,MAG
Federal	4990 VT2PRIB	VT2P	Y	99	AC,P2,MAG
Federal	5005 VT2P	VT2P	Y	100	AC,P2,MAG
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V
FS InVision	FS 4927T RIB	TRE	Y	99	AC,P5V,EDC-EL
FS InVision	FS 5098V RIB	VT2P	Y	100	AC,P5V
Golden Harvest	G00A97-AA	AA	Y	100	AVC,C2,Vi,Va
Golden Harvest	G97A36-V	V	Y	97	AVC,C2,Vi,Va
Golden Harvest	G99A37-DV	DV	Y	99	AVC,C2,Vi,Va
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,SU+Zn
Integra	4993 TRERIB	TRE	N	99	AC,P5V
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,SU+Zn
Kruger	K0019DT	TRE	Y	100	AC,P5V,EDC-B
Kruger	K9536SS	STX	Y	95	AC,P5V,EDC-B
Kruger	K9815SS	STX	Y	98	AC,P5V,EDC-B
Kruger	K9915DP	VT2P	Y	99	AC,P5V,EDC-B
Kruger	K9953SP	STXP	Y	99	AC,P5V,EDC-EL
Latham	LH 4527 VT2P RIB	VT2P	Y	95	AC,P5V,EDC-B
Latham	LH 4657 VT2P RIB	VT2P	Y	96	AC,P2
Latham	LH 4669 SS RIB	STX	Y	96	AC,P2V
Latham	LH 4937 VT2P RIB	VT2P	Y*	99	AC,P2
Latham	LH 5047 VT2P RIB	VT2P	Y	100	AC,P2
NK Brand	NK0007-AA	AA	Y	100	AVC,C2,Vi,Va
NK Brand	NK9874-V	V	Y	98	AVC,C2,Vi,Va
NK Brand	NK9922-DV	DV	Y	99	AVC,C2,Vi,Va
NuTech	57A4AM	AM	Y	97	Lum, L1
NuTech	59A1AM	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

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Pioneer	P9998Q GC	QR	Y	99	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V
Renk	RK600VT2P	VT2P	N	100	AC,P2
Titan Pro	11-98 2P	VT2P	Y	98	AC,P2
Titan Pro	16-00 5222	DV	Y	100	CM,C2
Titan Pro	23-98 SS	STX	Y	98	AC,P5V
Titan Pro	26-00	CONV	N	100	CM,C2
Titan Pro	85-96	CONV	N	96	AC,P2
Titan Pro	91-95	CONV	N	95	CM,C2
Viking	44-98	CONV	N	98	CM,C2,Sb
Viking	52-96	CONV	N	96	CM,C2,Sb
Viking	99-00	CONV	N	100	CM,C2,Sb
Wyffels	W1758	STX	N	97	Treated
Wyffels	W1996	VT2P	N	98	Treated
Wyffels	W2016	VT2P	Y*	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

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^	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

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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
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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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,P2,MAG	Acceleron® 250, Federal ArmourGuard
AC,P2V	Acceleron® Poncho 250/Votivo
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmourGuard
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Innoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum, L1	(2022) LumiGEN, Lumisure 1250
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

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