

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

2022 Corn Grain Top 30 Harvest Report

Iowa North [IANO] NEW HAMPTON, IA
Matt Bruening, Chickasaw County, IA

Ultra Early-Season Test 95 - 100 Day CRM
B2022IANO05u

Top 30 of 60 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Dual, Authority, Metrixx, Lo-Vol 6, Clethodim

SOIL DESCRIPTION: Tripoli - Readlyn silty clay loam, well drained, non-irrigated

SOIL CONDITION: No-Till, very high P, high K, 6.6 pH, 4.5% OM, 16.3 CEC

PEST MANAGEMENT: Lo-Vol 6, 2,4-D, Keystone, Trivapro, Bifen

FERTILITY - Applied N: 154 Fall, 114 Sidedress, Boron and Kalibrate applied via Y drop @ 3 gal/A

Applied N-P-K (units): 268-100-107

SEEDED - RATE - ROW: May 11 35.7 /A 30" spacing

HARVESTED - STAND: Oct 20 32.3 /A

TEST COMMENTS:

This site was planted on May 11 after a cool and wet first week of May. Temperatures were climbing and trending warmer which presented very good planting conditions. Once planted, the trend reversed and went cool for 12 days, followed by some crazy swings in temperature, which eventually resulted in +51 above the average GDU's for the month of May. We did observe some stand reduction that was hybrid-specific. Precipitation was on the dry side through the season, but soil moisture was adequate through pollination and grain fill as deep rooting systems were able to mine for water in this Tripoli silty clay loam on Mark's farm. Plant health was excellent and no lodging was observed at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	59A1AM ↗	AM	99	255.8	21.4	0	30.1	1698	2
NK Brand	NK9922-DV ↗	DV	99	255.5	21.0	0	34.2	1699	1
Wyffels	W1758 ↗	STX	97	252.8	21.3	0	29.7	1679	3
Kruger	K0019DT ↗	TRE	100	251.6	22.4	0	33.8	1664	5
Latham	LH 4527 VT2P RIB ↗	VT2P	95	251.2	21.1	0	30.0	1670	4
FS InVision	FS 5098V RIB ↗	VT2P	100	249.4	22.6	0	31.9	1649	6
Anderson	681VT2P ↗	VT2P	100	248.1	22.6	0	31.7	1640	8
Renk	RK600VT2P ↗	VT2P	100	248.0	22.6	0	31.0	1639	9
NuTech	60A4AM ↗	AM	100	247.6	23.1	0	29.6	1633	10
Wyffels	W1996 ↗	VT2P	98	247.1	21.3	0	31.1	1641	7
Cornelius	C5922SSP ↗	STXP	99	245.5	21.4	0	34.3	1630	11
Kruger	K9815SS ↗	STX	98	245.3	21.4	0	31.6	1629	13
Latham	LH 4937 VT2P RIB ↗	VT2P	99	244.7	20.5	0	33.0	1630	12
Kruger	K9953SP ↗	STXP	99	243.4	22.0	0	31.2	1613	15
Federal	5005 VT2P ↗	VT2P	100	243.4	21.4	0	29.6	1616	14
Kruger	K9915DP ↗	VT2P	99	241.9	21.9	0	31.7	1603	17
FS InVision	FS 4715V RIB ↗	VT2P	97	241.2	20.1	0	31.3	1609	16
FS InVision	FS 4927T RIB ↗	TRE	99	240.1	21.0	0	30.0	1597	18
Wyffels	W2016 ↗	VT2P	98	239.3	20.7	0	28.6	1593	19
Titan Pro	16-00 5222 ↗	DV	100	237.7	22.6	0	33.5	1571	21
Dyna-Gro	D40VC41RIB ↗	VT2P	100	236.9	22.6	0	33.5	1566	23
Integra	4993 TRERIB ↗	TRE	99	236.5	21.5	0	34.7	1570	22
NuTech	60A2Q ↗	QR	100	236.3	22.9	0	34.3	1560	28
Titan Pro	85-96 ↗	CONV	96	235.8	19.9	0	28.7	1575	20
Wyffels	W2236RIB ↗	VT2P	99	235.7	22.1	0	32.2	1561	26
NK Brand	NK9874-V ↗	V	98	235.3	21.2	0	34.3	1563	24
Cornelius	C5972TRE ↗	TRE	99	234.7	20.9	0	32.1	1561	27
Renk	RK590VT2P ↗	VT2P	98	234.5	20.5	0	29.8	1562	25
Renk	RK597SSPRO ↗	STXP	99	234.4	21.0	0	32.2	1559	29
Latham	LH 4657 VT2P RIB ↗	VT2P	96	233.8	20.4	0	33.6	1558	30

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **234.2** 21.7 32.3 1554

LSD (0.10) = 7.5 0.8 ns

LSD (0.25) = 3.9 0.4 ns

C.V. = 3.0

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$6.80

Report Date: 10/20/2022

† 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

©2022, All rights reserved by Elite Field Genetics, LLC

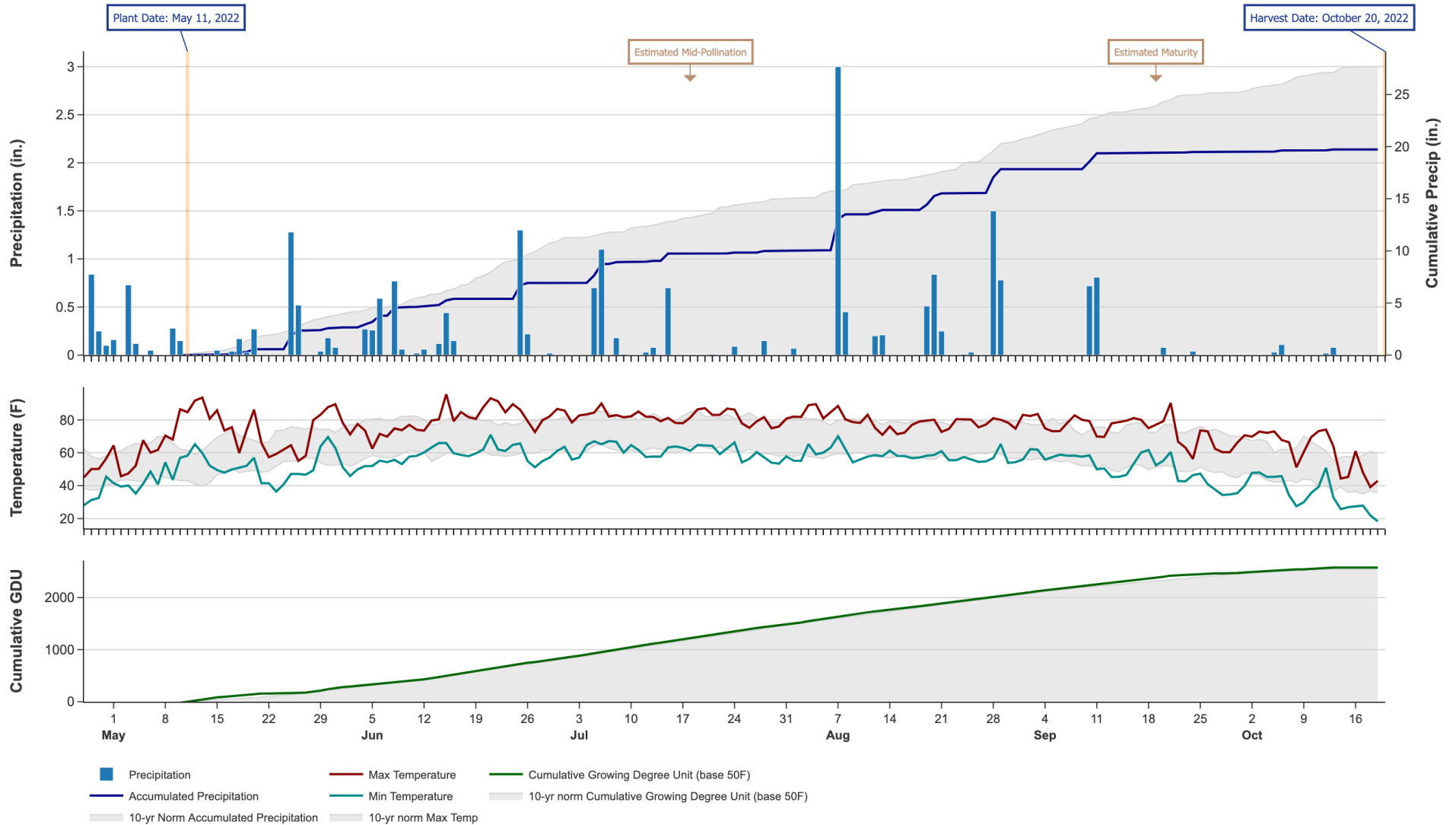
Additional reports available at www.firstseedtests.com

2022 Corn - Iowa North [IANO]

Weather Conditions Summary at NEW HAMPTON, IA

Weather Data Retrieved: 10/20/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.2 0.5 (+0.7)	4.2 5.8 (-1.7)	4.3 7.1 (-2.8)	3.0 4.1 (-1.0)	7.8 5.5 (+2.4)	1.6 4.7 (-3.1)	0.2 2.5 (-2.2)	22.4 30.2 (-7.8)
GDU Normal (Diff)	3 6 (-3)	357 305 (+51)	555 575 (-20)	662 669 (-7)	576 578 (-2)	411 407 (+3)	105 90 (+14)	2669 2633 (+35)



* 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.

2022 Corn - Iowa North [IANO]

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

^	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

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®

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

Corn Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.