

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

2022 Corn Grain Top 30 Harvest Report

Iowa North [IANO] VENTURA, IA

Brent Renner, Cerro Gordo County, IA

Ultra Early-Season Test 95 - 100 Day CRM
B2022IANO04u

Top 30 of 60

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

PREV. CROP/HERB: Soybeans / Enlist, Authority

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

SOIL CONDITION: Strip-Till, high P, low K, 7.1 pH,
4.6% OM, 23.9 CEC

PEST MANAGEMENT: Generic Dual, Atrazine, Callisto

FERTILITY - Applied N: 120 Spring, 60 Sidedress

Applied N-P-K (units): 180-73-73

SEEDED - RATE - ROW: May 14 35.7 /A 30" spacing

HARVESTED - STAND: Oct 21 33.9 /A

TEST COMMENTS:

Brent reported that his area was on the verge of being too dry but they have had good timely rains to carry the crop through the season. Three storms on June 25 (1.7"), Aug 7 (2.7"), and again on Aug 28 (1.5") were the largest contributors of accumulated rainfall, and it is possible not all of that moisture soaked into the soil profile. This area was also a bit behind pace for accumulated GDU's compared to the 10-yr average. Freezing temperatures on Sept 28 likely disrupted grain fill in some of the later maturity hybrids that hadn't quite reached black layer. The May 14 planting date here was due to cool and wet soil conditions during the first week of May. Overall, plants were healthy and stood well at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K0019DT ↗	TRE	100	266.0	17.7	0	33.1	1791	1
Kruger	K9815SS ↗	STX	98	262.6	18.6	0	32.8	1762	2
Cornelius	C6007DP ↗	VT2P	100	261.6	18.8	0	32.2	1754	3
Wyffels	W1758 ↗	STX	97	259.4	18.7	0	34.3	1740	4
Golden Harvest	G99A37-DV ↗	DV	99	258.9	18.1	0	33.5	1740	5
DeKalb	DKC50-87RIB GC ↗	STX	100	258.2	18.9	0	33.3	1731	6
NuTech	60A4AM ↗	AM	100	257.2	19.3	0	33.7	1721	7
NK Brand	NK9922-DV ↗	DV	99	256.3	18.8	0	34.0	1719	9
Titan Pro	11-98 2P ↗	VT2P	98	255.4	17.7	0	33.6	1720	8
Renk	RK590VT2P ↗	VT2P	98	254.7	17.7	0	34.2	1715	10
NuTech	60A2Q ↗	QR	100	254.2	19.0	0	33.9	1703	11
Augusta	A2150-5222-EZ ↗	DV	100	252.9	18.0	0	33.3	1701	12
Renk	RK597SSPRO ↗	STXP	99	252.9	18.2	0	35.4	1700	13
Federal	4830 TRE ↗	TRE	98	252.5	18.1	0	33.1	1698	15
NuTech	59A1AM ↗	AM	99	252.1	18.5	0	32.8	1692	17
Integra	5052 VT2PRIB ↗	VT2P	100	252.0	17.8	0	34.1	1696	16
Cornelius	C5922SSP ↗	STXP	99	251.9	17.1	0	35.7	1699	14
Dyna-Gro	D38VC80 ↗	VT2P	98	251.2	17.9	0	35.1	1690	18
Federal	4930 VT2P ↗	VT2P	99	250.6	18.4	0	33.4	1683	19
Dyna-Gro	D40VC41RIB ↗	VT2P	100	250.3	18.1	0	33.8	1682	20
Titan Pro	16-00 5222 ↗	DV	100	249.6	19.3	0	35.1	1670	25
Augusta	A22-250 ↗	AA	100	249.3	18.3	0	34.2	1675	22
FS InVision	FS 4715V RIB ↗	VT2P	97	249.1	17.5	0	35.3	1678	21
Viking	44-98 ↗	CONV	98	248.5	17.6	0	33.0	1674	23
Viking	52-96 ↗	CONV	96	248.0	17.3	0	33.3	1672	24
Federal	4990 VT2PRIB ↗	VT2P	99	248.0	18.6	0	34.0	1664	26
Wyffels	W2016 ↗	VT2P	98	246.2	17.7	0	33.6	1657	27
Titan Pro	91-95 ↗	CONV	95	245.9	17.6	0	33.6	1656	28
Cornelius	C5972TRE ↗	TRE	99	244.6	17.2	0	34.6	1650	29
Latham	LH 4527 VT2P RIB ↗	VT2P	95	244.5	17.6	0	34.4	1647	30

Averages = **244.3** **18.2** **33.9** **1642**

LSD (0.10) = 8.0 0.9 ns

LSD (0.25) = 4.2 0.5 ns

C.V. = 3.1 Historic yield: 226.54 bu/a, 1 yr(s)

Corey Rozenboom

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

Report Date: 10/21/2022

† 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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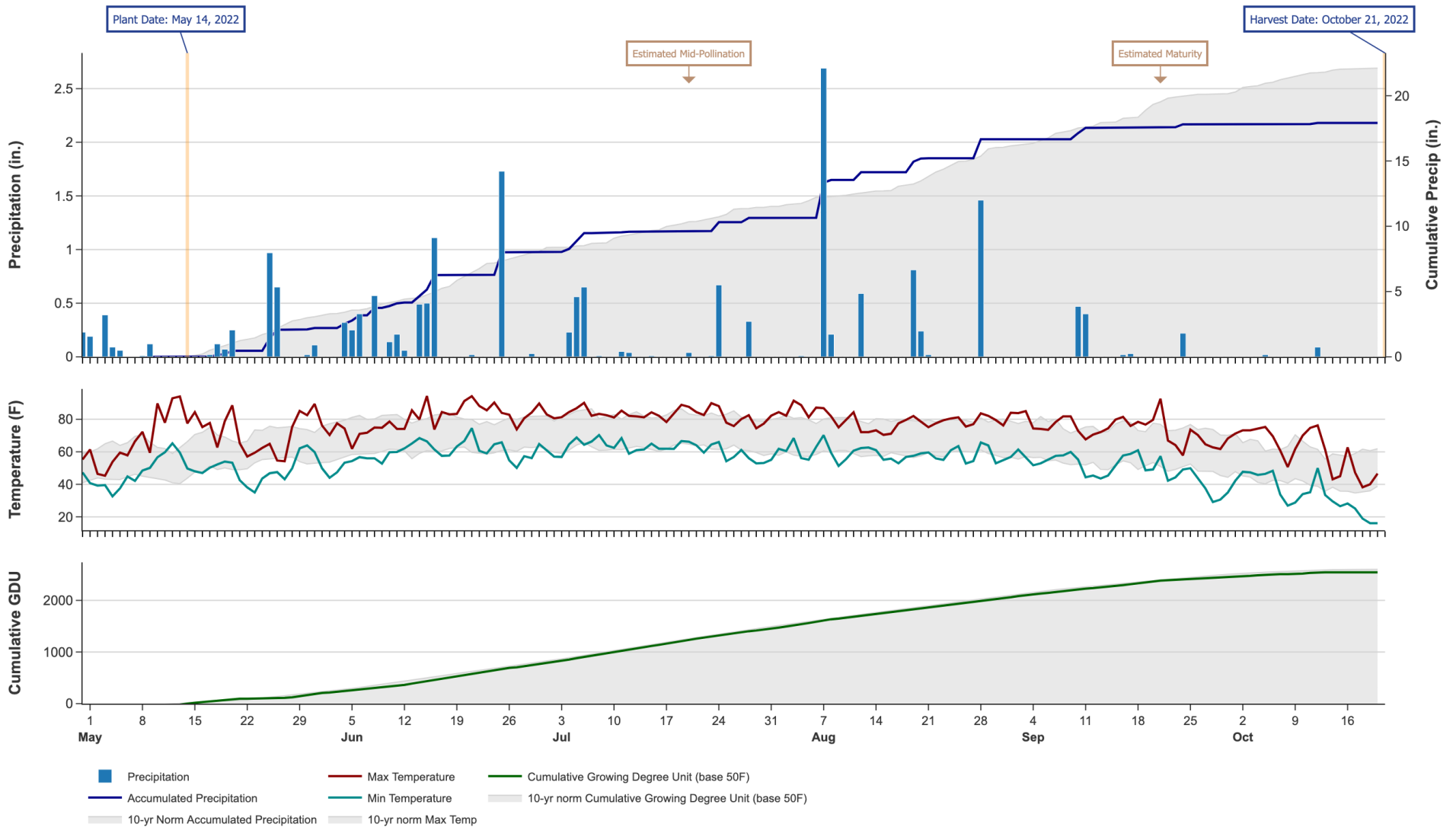
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Weather Conditions Summary at VENTURA, IA

Weather Data Retrieved: 10/21/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 0.1 (+0.1)	3.1 5.1 (-2.0)	5.8 5.0 (+0.8)	2.6 3.5 (-0.9)	6.0 4.5 (+1.5)	1.1 4.1 (-3.0)	0.1 1.9 (-1.8)	19.0 24.2 (-5.2)
GDU Normal (Diff)	3 4 (-1)	329 304 (+24)	575 597 (-22)	681 686 (-5)	591 593 (-2)	400 417 (-17)	104 95 (+8)	2683 2699 (-16)



* 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

^	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.