

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

2021 Corn Grain Top 30 Harvest Report

Iowa North [IANO] OSAGE, IA

Dale Hemann, Michell County, IA 50461

Ultra Early-Season Test 95 - 100 Day CRM
B2021IANO06u

Top 30 of 60

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

PREV. CROP/HERB:

Soybeans / Matador, Warrant
Ultra, Section Three.

SOIL DESCRIPTION:

Klinger silty clay loam, well
drained, non-irrigated

SOIL CONDITION:

Minimum W/O Fall Till, high P,
low K, 6.1 pH, 4.5% OM, 22.7
CEC

PEST MANAGEMENT:

Halex Gt, Atrazine

FERTILITY - Applied N:

185 Sidedress, 41# S

Applied N-P-K (units):

185-204-153

SEEDED - RATE - ROW:

Apr 28 37.8 /A 30" spacing

HARVESTED - STAND:

Oct 20 35.8 /A

TEST COMMENTS:

Plant standability was a big factor for farmers in this area. The severe weather of Aug 27-28 brought over 8.5" to this part of Dale's farm and nearby fields experienced close to 10". The wind that accompanied this storm laid several hybrids nearly flat and left others without hardly any lodging at all. There were big differences among hybrids in how they handled this storm resulting in yield differences between products that stood well and yielded excellently and those that couldn't be picked up at all. Standability among hybrids was very revealing. Farmers in the area have had to harvest several fields in one direction to deal with the down corn. Conventional hybrids were damaged by herbicide, so these results will not be reported in the region summary.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	G99E68-5122 EZR ↗	5122	99	253.8	17.5	43	36.2	1317	1
Titan Pro	92-99 2P ↗	VT2P	99	249.6	16.1	0	36.2	1304	2
NuTech	60A2Q ↗	QR	100	247.7	16.7	43	36.2	1290	3
Kruger	K9915DP ↗	VT2P	99	245.2	16.8	3	36.2	1276	4
Cornelius	C6002SS ↗	STX	100	245.0	17.0	0	35.5	1274	5
Anderson	726VT2P ↗	VT2P	98	243.7	16.6	5	36.2	1270	7
Kruger	K9701SS ↗	STX	97	243.7	16.9	0	35.5	1268	8
Latham	LH 4937 VT2P RIB ↗	VT2P	99	242.9	15.5	6	36.2	1272	6
Renk	RK600VT2P ↗	VT2P	100	242.8	16.4	11	35.5	1266	10
Hefty	H5055 ↗	TRE	100	242.5	15.9	17	36.2	1268	9
Titan Pro	22-00 2P ↗	VT2P	100	241.1	17.5	0	36.2	1251	15
Anderson	681SRC ↗	STX	100	240.5	16.3	5	36.2	1255	13
Latham	LH 5047 VT2P RIB ↗	VT2P	100	240.4	15.8	11	36.2	1257	11
Hefty	H4942 RIB ↗	VT2P	99	239.9	15.6	0	35.5	1256	12
Wyffels	W2236RIB ↗	VT2P	99	239.8	16.5	0	34.9	1250	16
NuTech	58B1AM ↗	AM	98	239.7	15.8	3	34.9	1253	14
Golden Harvest	G00H12-5122 EZR ↗	5122	100	238.6	18.0	5	36.2	1235	20
Cornelius	C6042DP ↗	VT2P	100	237.6	16.6	8	36.2	1238	18
Wyffels	W2016 ↗	VT2P	98	237.0	15.3	3	36.2	1242	17
Federal	4820 VT2P ↗	VT2P	98	236.1	15.3	0	34.9	1238	19
Pioneer	P9880AMXT GC ↗	AMXT	98	236.0	17.3	3	36.2	1225	22
Federal	4805 VT2PRIB ↗	VT2P	98	234.7	16.8	8	32.9	1222	24
NuTech	57A4Q ↗	QR	97	234.7	17.7	0	36.2	1217	28
Titan Pro	11-98 2P ↗	VT2P	98	234.2	15.0	11	36.2	1230	21
Latham	LH 4669 SS RIB ↗	STX	96	234.1	16.1	0	34.9	1223	23
Hefty	H4922 RIB ↗	VT2P	99	233.7	15.8	28	36.2	1222	25
Pioneer	P9998Q GC ↗	QR	99	233.5	16.3	11	36.2	1218	27
Latham	LH 4957 VT2P RIB ↗	VT2P	99	233.0	15.4	5	36.2	1221	26
FS InVision	FS 5098V RIB ↗	VT2P	100	232.6	15.8	22	35.5	1216	29
Hefty	H4933 RIB ↗	VT2PDG	99	232.1	16.4	0	34.9	1210	30

Corey Rozenboom

Corey Rozenboom

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Averages = **232.6** **16.3** **9** **35.8** **1032**

LSD (0.10) = 14.1 0.6 16

LSD (0.25) = 7.4 0.3 9

C.V. = 5.8 Historic yield: 204.62 bu/a, 8 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.25

Report Date: 10/21/2021

Revised: 10/27/2021 Corrected product maturity exceedance

Additional reports available at 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. ↗ New! Links to full product yield results at www.firstseedtests.com

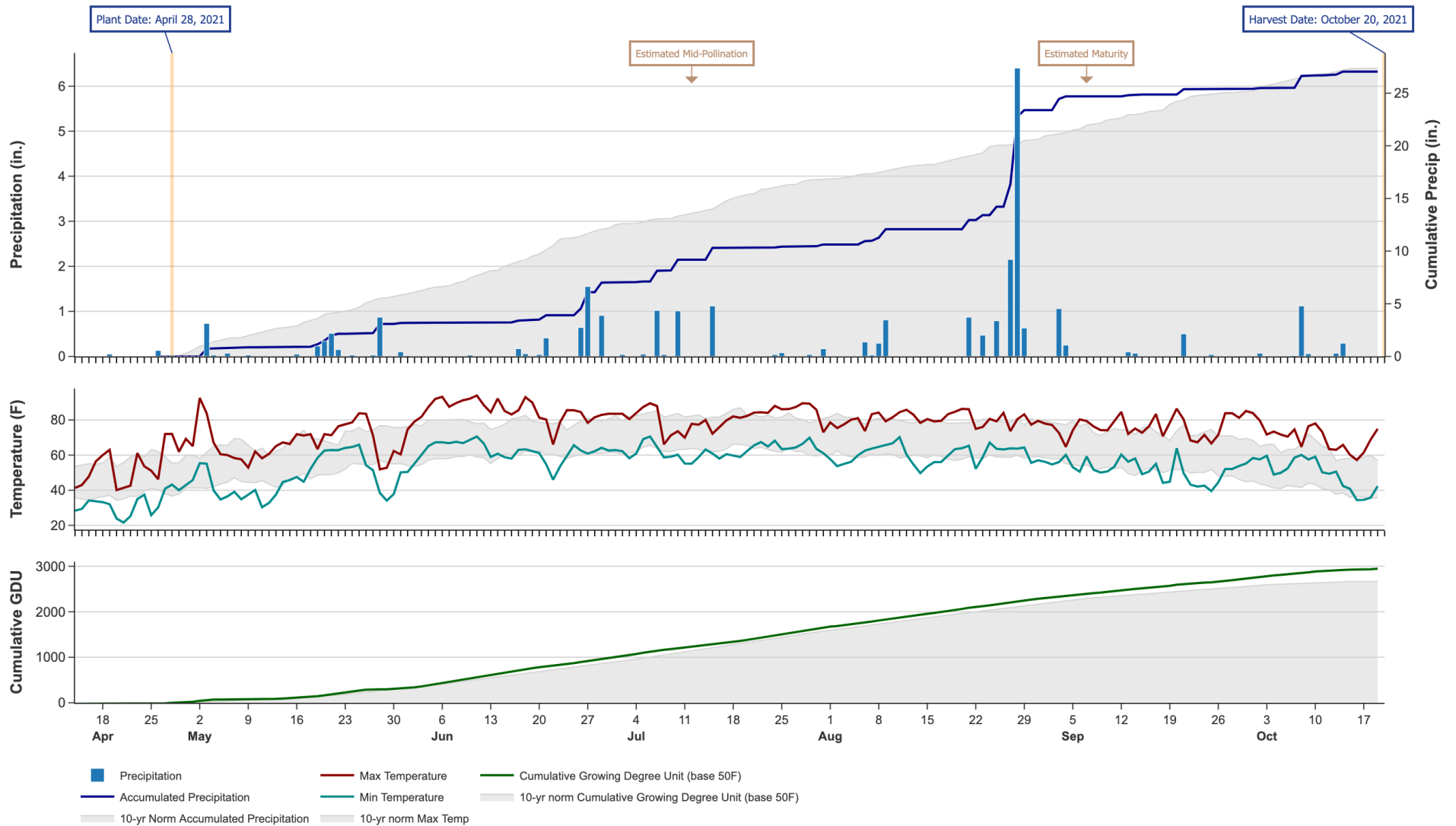
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2021 Corn - Iowa North [IANO]

Weather Conditions Summary at OSAGE, IA

Weather Data Retrieved: 10/21/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 2.7 (-2.5)	3.2 5.5 (-2.4)	3.8 6.3 (-2.5)	3.6 4.7 (-1.1)	12.8 3.8 (+9.0)	2.0 4.5 (-2.5)	1.6 2.3 (-0.6)	27.3 29.8 (-2.5)
GDU Normal (Diff)	38 17 (+20)	294 302 (-8)	674 567 (+106)	672 698 (-26)	631 603 (+27)	446 391 (+54)	214 94 (+119)	2969 2675 (+293)



* 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	681SRC	STX	N	100	AC,P5V
Anderson	726VT2P	VT2P	N	98	AC,P2V
Augusta	A1849-5122-EZ	5122	Y	99	AVC,C2
Augusta	A2050 VT2P	VT2P	N	100	AC250
Augusta	A2150-5222-EZ	5222	Y	100	CM,C2
Augusta	A2545-5122-EZ	5122	Y	95	CM,C2
Cornelius	C5846DP	VT2P	N	98	CM,C2,Vi
Cornelius	C6002SS	STX	N	100	P5V
Cornelius	C6042DP	VT2P	N	100	CM,C2,Vi
Dyna-Gro	D36VC66	VT2P	N	97	AC,P5V
Epley	E9910	CONV	N	99	CM, Vi
Federal	4805 VT2PRIB	VT2P	Y	98	AC,P2,MAG
Federal	4820 VT2P	VT2P	N	98	AC,P5V,MAG
Federal	4990 VT2PRIB	VT2P	Y	99	AC,P2,MAG
Federal	5005	CONV	N	100	AC,P2,MAG
FS InVision	FS 4507V RIB	VT2P	Y	95	AC,P2V
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V
FS InVision	FS 5098V RIB	VT2P	Y	100	P5V
Golden Harvest	G00H12-5122 EZR	5122	Y	100	AVC,C2,Vi
Golden Harvest	G95M41-5122 EZR	5122	Y	95	AVC,C2,Vi
Golden Harvest	G99E68-5122 EZR	5122	Y	99	AVC,C2,Vi
Hefty	H4842 RIB	VT2P	Y	98	HC
Hefty	H4922 RIB	VT2P	Y	99	HC
Hefty	H4933 RIB	VT2PDG	Y	99	HC
Hefty	H4942 RIB	VT2P	Y	99	HC
Hefty	H5055	TRE	N	100	HC
Hi Fidelity Genetics	HFG1002	CONV	N	100	AVC,C2
Kruger	K9701SS	STX	Y	97	AC,P5V,EDC-B
Kruger	K9915DP	VT2P	Y	99	AC,P5,EDC
Latham	LH 4657 VT2P RIB	VT2P	Y	96	AC,P2
Latham	LH 4669 SS RIB	STX	Y	96	AC,P5
Latham	LH 4937 VT2P RIB	VT2P	Y	99	AC,P2
Latham	LH 4957 VT2P RIB	VT2P	Y	99	AC,P5V,EDC-B
Latham	LH 5047 VT2P RIB	VT2P	Y	100	AC,P2
NK Brand	NK9653-5222 EZR	5222	Y	96	AVC,C2,Vi
NK Brand	NK9930-5122 EZR	5122	Y	99	AVC,C2,Vi
NK Brand	NK9991-5122 EZR	5122	Y	99	AVC,C2,Vi
NuTech	57A4Q	QR	Y	97	Lum,P1V
NuTech	58B1AM	AM	Y	98	Lum,P1V
NuTech	60A2Q	QR	Y	100	Lum,P1V
Pioneer	P9880AMXT GC	AMXT	N	98	Lum
Pioneer	P9998Q GC	QR	Y	99	Lum

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK561DGVT2PRIB	VT2PDG	Y	95	AC,P2
Renk	RK579DGVT2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P5V
Renk	RK593VT2PRIB	VT2P	Y	97	AC,P2
Renk	RK600VT2P	VT2P	N	100	AC,P2
Titan Pro	11-98 2P	VT2P	Y	98	AC,P5
Titan Pro	22-00 2P	VT2P	Y	100	AC,P2
Titan Pro	26-00	CONV	N	100	AC,P2
Titan Pro	84-01	CONV	N	101 [†]	AC,P2
Titan Pro	92-99 2P	VT2P	Y	99	AC,P2
Viking	44-98	CONV	N	98	CM,C2,Sb
Viking	52-00	CONV	N	100	CM,C2,Sb
Viking	52-96	CONV	N	96	CM,C2,Sb
Viking	99-00	CONV	N	100	CM,C2,Sb
Wyffels	W1466	VT2P	N	94	AC,P2
Wyffels	W1546RIB	VT2P	Y	96	AC,P2
Wyffels	W2016	VT2P	N	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.

† Product entered by seed company as 100 RM maturity. Corrected to 101 RM. Over-limit maturity designated with italics in report.

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

5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
CONV	Conventional
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,MAG	Acceleron® 250, Federal ArmourGuard
AC,P2V	Acceleron® Poncho 250/Votivo
AC,P5	Acceleron® 500
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmorGuard
AVC,C2	Avicta® Complete 250
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Innoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM, Vi	CruiserMaxx®, Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
P5V	Poncho 500/Votivo

* Seed treatments may include unspecified plant health promoting components.