

# 2013 Corn Grain Top 30 Harvest Report

Iowa North [ IANO ] OSAGE

Alvin Martin, Mitchell County, IA 50458



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

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Ashdale silt loam, mod. well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 7 pH, 3.5% OM  
 PEST MANAGEMENT: Harness Xtra, Balance Flexx, Force 3G  
 FERTILITY - Applied N: 84 Fall, 110 Side  
 Applied N-P-K (units): 194-92-68  
 SEEDING - RATE - ROW: May 16 35,100 /A 30" spacing  
 HARVESTED - STAND: Oct 30 30,400 /A

## Ultra Early-Season Test

95 - 100 Day CRM

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## Top 30 of 84

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K4R-9597	STX,B	AC,P5V	97	<b>196.8</b>	18.7	0	32.7	864	2
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100	<b>196.7</b>	17.6	0	28.0	870	1
Prairie Brand	971RA	STX,B	CM,C2	96	<b>196.1</b>	19.3	0	30.0	857	3
Steyer	9603VT2PRO RIB	VT2P,B	SStd	96	<b>194.0</b>	18.3	0	30.7	854	4
Titan Pro	81A97	None	AC,P2	97	<b>193.1</b>	20.2	0	29.3	839	8
Kruger	K4R-9196	STX,B	AC,P5V	96	<b>193.1</b>	20.4	0	28.0	838	9
Producers	5648STX	STX	AC,P5V	96	<b>192.9</b>	19.4	0	29.3	843	6
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	192.3	18.1	0	28.7	847	5
Dairyland	DS9898RA	STX,B	CM,C2	98	192.1	22.1	0	32.0	824	14
Latham	LH4819SSRIB GC	STX,B	AC,P5V	98	191.0	19.0	0	32.7	837	10
Fontanelle	4A503RBC	STX,B	AC,P5V	97	190.8	18.2	0	35.3	840	7
Channel	197-68STXRIB	STX,B	AC,P5V	97	189.7	19.6	0	28.0	827	13
Cornelius	C265SS	STX	AC,P5V	96	189.5	18.6	0	30.0	832	11
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98	189.3	19.2	0	26.7	828	12
Prairie Brand	992RA	STX,B	CM,C2	99	188.7	20.2	0	30.0	820	15
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	187.8	20.1	0	33.3	816	18
NuTech/G2 Gen	5Z-9605	OI	MQ,P1V,R	96	187.7	22.2	0	34.7	804	26
Renze	3133SST	STX	CM,C2	99	186.2	19.3	0	32.7	814	19
Viking	Y84-00RL	3000GT	CM,C2	100	186.2	19.9	0	32.0	811	21
Wyffels	W1687RIB	VT3P,B	AC,P5V	96	186.0	22.3	0	28.0	796	30
Stine	R9422VT3Pro	VT3P,B	AC,P2	96	185.9	20.1	0	29.3	808	23
Spectrum	5045	None	M,C2	100	185.5	17.7	0	26.0	820	16
Viking	60-01N	None	CM,C2	101	185.1	18.6	0	32.0	813	20
NuTech	5N-9802	3000GT	MQ,C2	98	184.6	17.5	0	28.0	817	17
Dairyland	DS9501SSX	STX	AVC,C2	100	184.5	20.5	0	29.3	800	27
LG Seeds	LG5425STX	STX	AC,P5V	95	184.2	20.7	0	30.7	797	29
Wyffels	W2277RIB	VT3P,B	AC,P5V	100	184.1	18.9	0	29.3	807	24
FS InVISION	FS 49SX1 RIB	STX,B	AC,P5V,Z	99	182.5	17.3	0	36.7	809	22
Renk	RK598SSTX	STX,B	AC,P5V	100	182.1	17.6	0	25.3	805	25
Pfister	1821RA	STX,B	CM,C2	100	180.5	17.4	0	28.0	799	28

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Test Average = **178.6** **19.1** **0** **30.4** **782**  
 LSD (0.10) = 13.9 2.0 ns  
 C.V. = 5.8 7.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.030 Price =  $\frac{\$4.50}{\$4.50}$  Local GMO non-GMO

**Test Comments:** *An estimated 14.2" of rain fell on this field during May, much of which came shortly after planting. The prolonged soil saturation caused noticeable water stress on plants observed during a June visit. Warmer and drier weather followed but plant development was delayed from May through June. Plants had healthy stalks at harvest. Ear girth was excellent but ear tip die-back was common.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 11/6/2013 Revised:

## Ultra Early-Season Test Products (84 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6202VT3Pro	VT3P	AC,P5V	96	Pioneer	P0062AM1 GC	AM1,B	MQ,P1V	100
AgriGold	A6203VT3PRIB	VT3P,B	AC,P5V	97	Prairie Brand	1022SX	STX	CM,C1	100
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	Prairie Brand	971RA	STX,B	CM,C2	96
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	Prairie Brand	981VT3	VT3	CM,C2	98
Champion	CSX49A13SSRIB	STX,B	AC,P5V	99	Prairie Brand	992RA	STX,B	CM,C2	99
Champion	CSX50A13SSRIB	STX,B	AC,P5V	98	Producers	5514VT3PRIB	VT3P,B	AC,P5V	95
Champion	CSX50A14SSRIB	STX,B	AC,P5V	100	Producers	5634VT3Pro	VT3P	AC,P5V	96
Channel	196-77STXRIB	STX,B	AC,P5V	96	Producers	5648STX	STX	AC,P5V	96
Channel	197-33STXRIB	STX,B	AC,P5V	97	Producers	5898STXRIB	STX,B	AC,P5V	98
Channel	197-68STXRIB	STX,B	AC,P5V	97	Producers	5904VT3PRIB	VT3P,B	AC,P5V	99
Cornelius	C265SS	STX	AC,P5V	96	Producers	6108STXRIB	STX,B	AC,P5V	101
Cornelius	C277VT3P	VT3P	AC,P2	96	Renk	RK557SSTX	STX	AC,P2	95
Cornelius	C284SS	STX	AC,P5V	100	Renk	RK568VT3P	VT3P	AC,P2	95
Curry	420-45	HXT,RR2	MQ,C2,R	100	Renk	RK581SSTX	STX	AC,P2	100
Dairyland	DS9501SSX	STX	AVC,C2	100	Renk	RK596SSTX	STX	AC,P2	98
Dairyland	DS9796	3000GT	CM,C2	96	Renk	RK598SSTX	STX,B	AC,P5V	100
Dairyland	DS9898RA	STX,B	CM,C2	98	Renze	3133SST	STX	CM,C2	99
Dyna-Gro	D39SS17	STX	AC,P5V	99	Spectrum	4660	None	AC,P2	96
Dyna-Gro	D39VP14RIB	VT3P,B	AC,P5V	99	Spectrum	5045	None	M,C2	100
Fontanelle	4A503RBC	STX,B	AC,P5V	97	Steyer	10004GENSS RIB	STX,B	SStd	100
Fontanelle	99A263	STX,B	AC,P5V	99	Steyer	9503VIP3111	3111	SStd	96
FS InVISION	FS 46SV4 RIB	VT3P,B	AC,P2,Z	96	Steyer	9603VT2PRO RIB	VT2P,B	SStd	96
FS InVISION	FS 49SX1 RIB	STX,B	AC,P5V,Z	99	Stine	9424SS	STX	AC,P2	100
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2,Z	100	Stine	R9422VT3Pro	VT3P,B	AC,P2	96
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	Titan Pro	1M99-3P	VT3P	AC,P5V,Z	99
Kruger	K4R-9196	STX,B	AC,P5V	96	Titan Pro	81A97	None	AC,P2	97
Kruger	K4R-9199	STX,B	AC,P5V	99	Titan Pro	89A98GLV	3111	CM,C2,Z	98
Kruger	K4R-9597	STX,B	AC,P5V	97	Titan Pro	TP 39-00 SS	STX	AC,P5V	100
Kruger	KR-7400	VT3P,B	AC,P5V	100	Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98
Latham	LH4568VT3PRORIB GC	VT3P,B	AC,P2	95	Viking	58-98N	None	AC,P2	98
Latham	LH4819SSRIB GC	STX,B	AC,P5V	98	Viking	60-01N	None	CM,C2	101
Legend	LR9300GENSSRIB GC	STX,B	MQ,C2	100	Viking	62-01N	None	CM,C2	101
Legend	LR9497GENSS GC	STX	CM,C2	97	Viking	D37-98RL	STX,B	AC,P2	98
LG Seeds	LG5425STX	STX	AC,P5V	95	Viking	Y84-00RL	3000GT	CM,C2	100
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	Wyffels	W1687RIB	VT3P,B	AC,P5V	96
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	Wyffels	W1787RIB	VT3P,B	AC,P5V	96
NuTech	5N-9802	3000GT	MQ,C2	98	Wyffels	W2277RIB	VT3P,B	AC,P5V	100
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	Wyffels	X1807	VT3P	AC,P5V	97
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99					
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
NuTech/G2 Gen	5Z-9605	OI	MQ,P1V,R	96					
Pfister	1780RA	STX,B	CM,C2	99					
Pfister	1821RA	STX,B	CM,C2	100					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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