

# 2014 Corn Grain Top 30 Harvest Report

Iowa North [ IANO ] EMMETSBURG

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

PREV. CROP/HERB: Corn / Glyphosate  
 SOIL DESCRIPTION: Nicollet-Clarion loam, mod. well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITION: Mod. High P, high K, 6.7 pH, 4.4% OM  
 PEST MANAGEMENT: Breakfree ATZ Lite, Realm  
 FERTILITY - Applied N: 196 Spring  
 Applied N-P-K (units): 196-57-55  
 SEEDING - RATE - ROW: May 6 35,700 /A 30" spacing  
 HARVESTED - STAND: Oct 28 33,900 /A

## Ultra Early-Season Test

95 - 100 Day CRM

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## Top 30 of 66

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
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	<b>175.4</b>	17.4	1	32.6	534	1
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	<b>173.6</b>	17.5	1	35.2	527	2
Pioneer	P0062AMX GC	AMX,AQ,B	MQ,C2	100	<b>169.4</b>	16.7	1	35.8	521	3
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	<b>168.3</b>	18.7	1	32.6	502	13
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98	<b>168.1</b>	16.5	1	33.2	518	4
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	166.8	16.1	1	35.2	517	5
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	166.0	16.7	1	35.8	510	8
Cornelius	C265SS	STX	AC,P5V	95	164.8	15.7	1	33.9	514	7
Renk	RK557SSTX	STX,B	AC,P2	95	164.4	16.4	1	34.5	508	9
Wyffels	W2308	STX	AC,P5V	100	164.2	15.3	1	35.8	515	6
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	164.1	16.8	1	35.2	504	11
Spectrum	4655	None	CM,C2,St	96	164.0	17.1	1	32.5	501	14
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	163.5	16.3	1	34.5	505	10
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	163.1	16.4	1	33.9	503	12
Kruger	K4R-9899	STX,B	AC,P5V	99	162.8	17.6	1	31.9	494	17
Channel	197-68STXRIB	STX,B	AC,P5V	97	162.7	17.3	1	35.2	496	16
Viking	57-01N	None	CM,C2	101	162.6	16.7	4	33.9	500	15
Viking	D37-98RL	STX,B	AC,P5V	98	161.1	16.8	1	35.2	494	18
Viking	51-95N	None	CM,C2	95	160.7	16.7	1	35.8	494	19
Prairie Brand	4995SX	STX	CM,C2	99	159.9	17.3	1	33.9	487	23
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	159.6	16.3	1	31.9	493	20
Federal	4840SSTAXRIB	STX,B	AC,P5V	98	159.5	17.1	1	35.8	487	24
Renze	3145SST	STX	CM,C2	100	159.0	17.3	1	33.9	484	26
Pfister	1740SS	STX	AC,P5	98	158.9	17.2	1	34.5	485	25
Dairyland	DS9900SSX	STX	CM,C2	99	158.5	17.2	1	31.9	484	27
Kruger	K4R-9196	STX,B	AC,P5V	96	158.3	16.1	1	33.8	491	21
Kruger	K4R-9199	STX,B	AC,P5V	99	156.2	16.1	1	35.2	484	28
Renk	RK596SSTX	STX	AC,P2	98	155.7	16.4	1	35.8	481	29
Pfister	1821RA	STX,B	CM,C2	100	155.7	16.8	1	31.2	478	30
Titan Pro	TP 30-99	None	CM,C2	99	155.6	15.3	1	33.9	488	22

Corey Rozenboom

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Test Average = **153.7** **16.6** **1** **33.9** **473**

LSD (0.10) = 14.2 1.4 ns

LSD (0.25) = 9.9 1.0 ns

C.V. = 6.8 6.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.045 Price = \$3.15 Local GMO / \$3.15 non-GMO

**Test Comments:** *This site started with cool and wet weather for 10 days after planting. Despite these conditions and major June rain events, final stands were satisfactory for high-end yields. Drainage was slow for the persistent rainfall that saturated soil here. Many hybrids were short and some ear shanks were only 2 feet off the ground. Some surrounding area fields had better yields due to adequate drainage.*

† 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

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report date: 10/29/2014 Revised:



## 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. VPMaax® 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®, VPMaax® 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 FIRST 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,RW,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.