

2014 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] VICTOR

Dan DeRycke, Poweshiek County, IA 52347



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Soybean / Prefix, Touchdown
 SOIL DESCRIPTION: Downs silt loam, well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 3.9% OM
 PEST MANAGEMENT: Lumax, Force
 FERTILITY - Applied N: 160 Fall
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE - ROW: May 18 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 2 34,100 /A

Early-Season Test

105 - 110 Day CRM

B2014IAEC24a

Top 30 of 72

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
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	244.5	18.6	1	33.9	697	2
Renk	RK776SSTX	STX,B	AC,P2	107	242.9	18.8	1	32.9	691	3
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	240.7	17.9	1	32.9	690	4
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	239.4	17.7	1	32.4	688	5
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	239.0	17.4	1	30.9	688	6
Pfister	2574RA	STX,B	CM,C2	110	238.0	18.0	1	34.3	682	7
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	237.9	18.7	1	34.8	677	8
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	234.9	20.5	1	36.8	658	21
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	234.8	17.8	1	34.8	674	9
Champion	CSX59A14SSRIB	STX,B	AC,P5V	109	233.3	18.7	1	31.9	664	16
Augusta	A4658GT3110	3110	CM,C5	108	232.6	17.5	1	35.8	669	11
Champion	CSX57A13SS	STX,B	AC,P5V	107	232.2	16.8	1	32.9	672	10
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	232.2	18.5	1	36.8	662	17
NuTech/G2 Gen	5D-109^	AMX,B	MQ,P5V	109	231.8	18.8	1	31.9	659	20
Steyer	11004GENSS RIB	STX,B	CM,C2	110	231.4	16.9	1	31.9	669	12
Cornelius	C621SS	STX	AC,P5V	110	231.4	18.3	1	34.8	661	18
Beck	5852D2	3111	Es,P1V	108	230.8	16.6	1	35.3	669	13
Wyffels	W4968	STX	AC,P5V	107	230.2	16.4	4	36.3	669	14
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	229.7	16.8	1	34.3	665	15
Steyer	10904GENSSRIB	STX,B	CM,C2	109	229.3	18.3	1	36.3	655	24
Channel	209-53STXRIB	STX,B	AC,P5V	109	229.0	18.1	1	35.3	656	23
Steyer	10803GENSS RIB	STX,B	CM,C2	108	227.7	16.7	1	35.8	660	19
LG Seeds	LG5603STX	STX	AC,P5V	110	227.6	18.3	1	33.9	650	28
Kruger	K4R-9911	STX,B	AC,P5V	111	227.3	17.4	2	30.9	655	25
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	226.9	16.7	1	34.3	657	22
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	226.4	17.6	9	32.9	651	27
Stine	R9632SS	STX,B	AC,P2	107	225.3	16.5	1	35.3	654	26
Renk	RK791SSTX	STX,B	AC,P2	108	225.0	17.7	1	34.8	646	30
Wyffels	W5448	STX	AC,P5V	108	224.7	17.6	4	35.8	646	31
Kruger	K4R-9406	STX,B	AC,P5V	106	223.4	16.2	1	35.8	650	29
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	256.1	18.6	1	33.9	730	

Test Average = **220.0** 17.8 3 34.1 631

LSD (0.10) = 23.8 0.6 10

LSD (0.25) = 16.6 0.5 7

C.V. = 8.0 2.7

Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$2.94}{\$2.94}$ Local GMO non-GMO

Test Comments: Dan stated this test site received two storms with 90 mph winds, from a distance the tests looked very good but when harvest started you could see plants had greensnapped earlier in the season. There were some pollination problems and ears with tip die-back. No major stalk or root lodging was observed, just some greensnap. Ears had soft cobs and contained shallow depth kernels.

† 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

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 FERTILITY - Applied N: 160 Fall
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE - ROW: May 18 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 2 34,600 /A

Full-Season Test
111 - 114 Day CRM
 B2014IAEC24b

Top 30 of 81
 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
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	259.3	20.7	1	34.8	725	1
Pioneer	P1360CHR GC	OT	MQ,P1V	113	256.6	21.5	1	35.8	713	5
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	256.3	19.5	1	35.8	725	2
Renze	3332RA	STX,B	CM,C2	111	251.0	18.2	1	33.9	718	4
Channel	213-59STXRIB	STX,B	AC,P5V	113	246.9	18.9	1	36.3	702	6
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	246.9	22.8	1	33.4	678	13
NuTech/G2 Gen	X5R-1209^	OT	MQ,P1V,R	112	246.4	19.0	1	33.9	700	7
Champion	CSX64A15VT2Pro	VT2P,DG,B	CM,C2	114	245.5	23.0	1	36.8	673	15
Prairie Brand	5985SX	STX	CM,C2	111	245.3	18.9	1	32.9	697	8
Channel	211-35STXRIB	STX,B	AC,P5V	111	244.8	19.7	1	33.9	691	9
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	244.5	20.6	1	36.8	685	10
Pfister	3488HR	HX,RR2	CM,C2	115	244.0	24.6	1	33.9	659	20
Champion	CSX63A13VT2ProRIB	VT2P,B	CM,C2	113	242.9	20.0	1	33.9	684	11
Wyffels	W7448	STX	AC,P5V	112	241.3	20.0	2	33.9	679	12
Steyer	11103GENSS RIB	STX,B	CM,C2	111	241.0	20.9	1	34.8	673	16
Kruger	K4R-9914	STX,B	AC,P5V	114	238.5	21.5	1	34.8	662	18
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	237.9	19.0	1	33.9	676	14
Titan Pro	TP 39-11 SS	STX,B	AC,P5V	111	237.0	20.3	2	34.8	665	17
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	236.9	22.9	1	33.9	650	23
Channel	215-83STXRIB	STX,B	AC,P5V	115	234.6	20.0	1	33.9	660	19
Beck	XL 6626AMX^	AMX,B	Es,P1V	114	233.3	21.2	1	34.8	650	24
Cornelius	C744SS	STX	AC,P5V	113	231.0	21.0	1	33.9	644	29
Latham	LH6255VT3PRORIB	VT3P,B	AC,P2	112	230.3	20.9	2	35.8	643	31
Golden Harvest	G10S30-3110 GC	3110	AVC,C5	110	229.2	19.2	1	31.9	650	25
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	229.1	18.8	2	36.3	652	21
Renk	RK860VT3P	VT3P,B	AC,P2	111	229.0	18.7	1	34.8	652	22
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P2	112	228.2	19.0	4	35.3	648	26
Cornelius	C728VT3P	STX	AC,P5V	112	228.0	18.9	1	36.8	648	27
Dyna-Gro	D51SS54	STX	AC,P5V	111	227.6	19.5	2	33.9	644	30
Prairie Brand	6355SX	STX	CM,C2	113	225.0	17.8	1	31.9	646	28
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	253.5	18.7	1	31.9	722	3

Test Average = **225.8** 20.6 3 34.6 632
 LSD (0.10) = 19.3 0.8 8
 LSD (0.25) = 13.5 0.6 6
 C.V. = 6.3 2.8

Randy Meinsma
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Full-Season Test Products (81 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6499STXRIB	STX,B	AC,P5V	112
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113
AgriGold	A6538STX	STX	AC,P5V	112
Augusta	A4564GENSS	STX	AC,P5V	114
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112
Beck	XL 6365AMX^	AMX,B	Es,P1V	113
Beck	XL 6626AMX^	AMX,B	Es,P1V	114
Champion	AGX61A14-3000GT	3000GT	CM,C2	111
Champion	CSX62A13SSRIB	STX,B	AC,P5V	112
Champion	CSX63A13VT2ProRIB	VT2P,B	CM,C2	113
Champion	CSX64A15VT2Pro	VT2P,DG,B	CM,C2	114
Channel	211-35STXRIB	STX,B	AC,P5V	111
Channel	213-59STXRIB	STX,B	AC,P5V	113
Channel	215-83STXRIB	STX,B	AC,P5V	115
Cornelius	C728VT3P	STX	AC,P5V	112
Cornelius	C733SS	STX	AC,P5V	113
Cornelius	C744SS	STX	AC,P5V	113
Dairyland	DS9311RA	STX,B	CM,C2	111
Dairyland	DS9314RA	STX,B	CM,C2	114
Dairyland	DS9713RA	STX,B	CM,C2	113
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P2	112
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114
Dyna-Gro	D51SS54	STX	AC,P5V	111
Dyna-Gro	D52SS91	STX	AC,P5V	112
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114
Golden Harvest	G10S30-3110 GC	3110	AVC,C5	110
Golden Harvest	G12J11-3011A GC	3011A	AVC,C5	112
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114
Great Lakes	6261STX	STX	AC,P5V	112
Great Lakes	6354VT3PRIB GC	VT3P,B	AC,P5V	113
Great Lakes	6462STXRIB	STX,B	AC,P5V	114
Kruger	K4R-9313	STX,B	AC,P5V	113
Kruger	K4R-9812	STX,B	AC,P5V	112
Kruger	K4R-9914	STX,B	AC,P5V	114
Kruger	KR-4913	VT2P,B	AC,P5V	113
Kussmaul	SS-0114	STX	AC,P2	114
Latham	LH6239SSRIB	STX,B	AC,P5V	112
Latham	LH6255VT3PRORIB	VT3P,B	AC,P2	112
Latham	LH6359SSRIB	STX,B	AC,P5V	113
Latham	LH6378VT3PRORIB	VT3P,B	AC,P5V	113
LG Seeds	LG5612STX	STX	AC,P5V	112

Company/Brand	Product/Brand	Technol.	Seed Trt	RM
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112
LG Seeds	LG5622STX	STX	AC,P5V	113
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113
NuTech/G2 Gen	X5R-1209^	OT	MQ,P1V,R	112
Pfister	2595RA	STX,B	CM,C2	111
Pfister	2770RA	STX,B	CM,C2	113
Pfister	3366RA	STX,B	CM,C2	115
Pfister	3488HR	HX,RR2	CM,C2	115
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112
Pioneer	P1360CHR GC	OT	MQ,P1V	113
Pioneer	P1555CHR GC	OT	MQ,P1V	115
Prairie Brand	5985SX	STX	CM,C2	111
Prairie Brand	6305RA	STX,B	CM,C2	113
Prairie Brand	6355SX	STX	CM,C2	113
Prairie Brand	6394RA	STX,B	CM,C2	113
Renk	RK858VT3P	VT3P,B	AC,P2	112
Renk	RK860VT3P	VT3P,B	AC,P2	111
Renk	RK890SSTX	STX,B	AC,P2	113
Renk	RK941SSTX	STX,B	AC,P2	114
Renze	3332RA	STX,B	CM,C2	111
Renze	3385RA	STX,B	CM,C2	112
Steyer	11103GENSS RIB	STX,B	CM,C2	111
Steyer	11304GENSS RIB	STX,B	CM,C2	113
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114
Stine	R9739VT3Pro	VT3P,B	AC,P2	114
Stine	R9741VT3Pro	VT3P,B	AC,P2	112
Titan Pro	2M13-2P	VT2P,B	AC,P2	113
Titan Pro	2M14-SS	STX,B	AC,P5V	114
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112
Titan Pro	TP 39-11 SS	STX,B	AC,P5V	111
Wyffels	W7108	STX	AC,P5V	111
Wyffels	W7158	STX	AC,P5V	111
Wyffels	W7448	STX	AC,P5V	112
Wyffels	W7888RIB	STX,B	AC,P5V	114

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 FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,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)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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