

2014 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] PALO
Jason Kwapil, Benton County, IA 52324



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

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Dinsdale sandy clay loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6 pH, 4% OM
PEST MANAGEMENT: Roundup, Halex GT, Force
FERTILITY - Applied N: 170 Fall
Applied N-P-K (units): 170-0-0
SEEDED - RATE - ROW: May 18 34,000 /A 30" spacing
HARVESTED - STAND: Nov 10 34,200 /A

Early-Season Test
105 - 110 Day CRM
B2014IAEC23a

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
Channel	210-95STXRIB	STX,B	AC,P5V	110	245.9	17.0	1	35.8	725	1
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	245.6	17.4	1	33.8	722	2
Cornelius	C621SS	STX	AC,P5V	110	241.8	17.0	3	34.8	713	3
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	241.0	17.7	3	30.9	707	4
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	239.8	17.5	1	35.8	704	5
Latham	LH5829SSRIB	STX,B	AC,P5V	108	239.3	18.0	1	35.8	700	7
Kruger	K4R-9911	STX,B	AC,P5V	111	238.9	17.8	1	33.8	700	8
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	237.4	16.9	1	29.9	701	6
Latham	LH6049SSRIB	STX,B	AC,P5V	110	236.9	17.8	1	34.8	694	11
AgriGold	A6462STX	STX	AC,P5V	110	236.0	17.8	2	31.9	691	13
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	235.6	17.5	1	34.8	692	12
Champion	CSX59A14SSRIB	STX,B	AC,P5V	109	235.5	16.9	1	33.9	695	9
Cornelius	C533SS	STX	AC,P5V	106	235.0	17.6	1	33.9	690	14
LG Seeds	LG5603STX	STX	AC,P5V	110	234.8	17.4	1	36.3	690	15
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	234.7	16.5	1	34.4	695	10
Prairie Brand	1085GT3	3000GT	CM,C2	109	233.0	17.3	1	35.3	686	17
Renk	RK791SSTX	STX,B	AC,P2	108	232.0	17.4	1	34.8	682	19
Champion	CSX57A13SS	STX,B	AC,P5V	107	231.4	16.6	1	33.9	685	18
Augusta	A4658GT3110	3110	CM,C5	108	231.3	16.0	1	33.8	688	16
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	230.1	18.3	1	35.8	671	23
Renk	RK776SSTX	STX,B	AC,P2	107	229.3	18.1	1	35.8	670	24
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	228.1	16.9	1	33.8	673	20
Champion	CSX60A13VT3ProRIB	VT3P,B	CM,C2	110	228.1	17.0	3	32.9	673	21
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	227.9	17.9	1	36.8	667	26
Dyna-Gro	D50SS43	STX	AC,P5V	111	227.8	18.6	2	33.9	663	29
Stine	R9632SS	STX,B	AC,P2	107	227.7	16.8	1	36.3	673	22
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	225.7	16.8	1	35.3	667	27
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	225.3	16.3	1	35.8	669	25
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	224.3	16.9	1	33.9	662	30
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	224.2	16.2	1	30.9	666	28
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	193.9	16.9	1	31.9	572	69
Test Average =					220.6	17.3	1	34.2	649	
LSD (0.10) =					17.0	1.0	1			
LSD (0.25) =					11.8	0.7	1			
C.V. =					5.7	4.1				

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Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = $\frac{\$3.00}{\$3.00}$	Local GMO
					non-GMO

Test Comments: *This is a very well drained location which paid big dividends this summer. June rainfall exceeded 11", 6"+ above the 30-year average. Ear pollination was complete and filled with deep kernels to the ear tip. Cobs were spongy, breaking easily, which made kernel removal difficult. There was some root and stalk lodging but did not impact yields. No major disease infestations were noted.*

† 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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PEST MANAGEMENT: Roundup, Halex GT, Force
FERTILITY - Applied N: 170 Fall
Applied N-P-K (units): 170-0-0
SEEDED - RATE - ROW: May 18 34,000 /A 30" spacing
HARVESTED - STAND: Nov 10 34,400 /A

Full-Season Test
111 - 114 Day CRM
B2014IAEC23b

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
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114	238.7	21.1	1	34.8	680	3
AgriGold	A6538STX	STX	AC,P5V	112	236.7	18.3	1	35.8	691	1
Pfister	2595RA	STX,B	CM,C2	111	236.7	19.1	1	34.8	686	2
Latham	LH6359SSRIB	STX,B	AC,P5V	113	236.2	19.9	1	35.8	680	4
Pfister	3366RA	STX,B	CM,C2	115	235.3	19.8	1	33.9	678	5
Golden Harvest	G12J11-3011A GC	3011A	AVC,C5	112	231.5	19.1	1	34.8	671	6
Renze	3332RA	STX,B	CM,C2	111	230.0	19.5	1	33.9	664	7
Pioneer	P1555CHR GC	OT	MQ,P1V	115	229.6	19.7	1	33.9	662	8
Channel	213-59STXRIB	STX,B	AC,P5V	113	229.6	21.3	1	33.9	653	14
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	229.3	21.0	1	35.3	654	12
Champion	CSX62A13SSRIB	STX,B	AC,P5V	112	229.0	21.3	1	32.4	651	16
Beck	XL 6626AMX^	AMX,B	Es,P1V	114	228.7	20.0	1	34.8	658	11
Renze	3385RA	STX,B	CM,C2	112	228.2	20.3	1	35.8	654	13
Prairie Brand	6355SX	STX	CM,C2	113	226.8	18.4	1	32.9	661	9
Cornelius	C733SS	STX	AC,P5V	113	225.7	20.2	1	35.8	648	17
Wyffels	W7108	STX	AC,P5V	111	225.0	17.9	1	35.8	659	10
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	223.9	18.3	1	33.4	653	15
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	223.9	19.9	1	33.9	644	22
Wyffels	W7888RIB	STX,B	AC,P5V	114	223.4	19.3	1	32.9	646	20
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	223.0	19.3	1	34.8	645	21
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	222.9	20.1	1	34.4	640	26
Wyffels	W7448	STX	AC,P5V	112	222.7	19.4	1	35.8	644	23
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	221.9	19.0	1	36.3	644	24
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	221.7	19.3	1	32.9	641	25
Wyffels	W7158	STX	AC,P5V	111	221.5	18.0	1	32.9	648	18
Dyna-Gro	D52SS91	STX	AC,P5V	112	221.5	20.5	1	36.3	634	30
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	221.2	17.8	1	32.9	648	19
Prairie Brand	6305RA	STX,B	CM,C2	113	220.9	19.5	1	30.9	638	27
Kruger	K4R-9313	STX,B	AC,P5V	113	220.9	19.7	1	35.3	637	28
Channel	215-83STXRIB	STX,B	AC,P5V	115	220.2	19.6	1	35.8	635	29
Pioneer	P1257AMX CK	AMX,B	MQ,P1V	112	199.0	19.3	1	35.3	576	72

Test Average = **215.7** **19.6** **2** **34.4** **622**

LSD (0.10) = 18.6 1.5 5

LSD (0.25) = 13.0 1.1 4

C.V. = 6.4 5.7

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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® TRIsect® (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.