

2015 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] CENTRAL CITY

Jim Greif, Linn County, IA 52310



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

PREV. CROP/HERB: Soybean / Authority Assist, Roundup
 SOIL DESCRIPTION: Kenyon loam, well drained, strip-till, non-irrigated
 SOIL CONDITION:
 PEST MANAGEMENT: Armezon, Status, Roundup, Sharpen, Buccaneer Plus, Headline, Force
 FERTILITY - Applied N: 81 Spring, 88 Sidedress
 Applied N-P-K (units): 169-65-75
 SEEDED - RATE - ROW: May 14 32,400 /A 30" spacing
 HARVESTED - STAND: Nov 9 34,400 /A

Early-Season Test

105 - 110 Day CRM

B2015IAEC21a

Top 30 of 72

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS9508RA	STX,B	108	241.4	18.5	1	34.4	872	1
Champion	CSX59A16SSRIB	STX,B	109	236.3	18.2	1	33.9	855	2
LG Seeds	LG5603STXRIB	STX,B	111	235.4	18.1	6	33.9	853	3
Dekalb	DKC61-55RIB GC	VT2P,DG,B	111	234.5	18.6	1	35.8	847	4
Kruger	K4R-9511	STX,B	111	233.1	19.6	1	33.9	836	6
Prairie Brand	5825RA	STX,B	108	231.4	18.2	1	35.8	838	5
Renk	RK791SSTX	STX,B	108	228.4	18.0	1	34.8	828	7
Wyffels	W6818	STX	110	228.3	18.9	2	33.9	822	9
Champion	CSX57A16VT2Pro	VT2P	107	227.7	18.7	1	33.9	821	10
Titan Pro	TP 59-08 SS	STX	108	227.1	17.9	1	33.9	824	8
Channel	209-53STXRIB	STX,B	109	226.2	18.5	1	35.8	817	11
NuTech/G2 Gen	5Z-308^	OI	108	225.4	18.3	1	34.8	815	14
Cornelius	C576SS	STX	108	225.2	18.0	2	35.3	816	13
Dyna-Gro	D48SS38	STX	108	224.1	18.0	1	34.8	812	15
Prairie Brand	6056SX	STX	110	223.5	19.4	1	33.9	802	18
Pfister	X12546S2R4	STX,B	107	222.8	18.3	1	32.9	806	16
Latham	LH5939SS	STX	109	221.4	17.3	2	34.8	806	17
Kruger	K4R-9911	STX,B	111	220.0	19.2	3	34.8	791	19
Augusta	A4658GT3110	3110	108	218.9	18.6	2	34.8	790	22
NuTech/G2 Gen	5F-709^	AM,B	109	218.1	18.0	23	32.9	791	20
Wyffels	W7246	VT2P	111	218.1	19.8	2	33.9	781	28
NuTech	5N-607	3000GT	107	218.0	17.9	2	34.8	791	21
Steyer	11005GENSSRIB	STX,B	110	217.8	18.5	2	33.9	787	24
LG Seeds	LG5548STXRIB	STX,B	109	217.6	18.3	1	35.8	787	25
Renk	RK752SSTX	STX,B	108	217.3	17.5	5	34.8	790	23
Channel	207-27STXRIB	STX,B	107	216.1	18.1	1	34.8	783	26
Dairyland	DS9307RA	STX,B	107	215.9	18.1	1	33.9	782	27
Steyer	10806GENSSRIB	STX,B	108	215.0	18.0	2	34.4	779	30
Pioneer	P0589AM GC	AM,AQ,B	105	214.1	17.2	1	33.4	780	29
Kruger	K4R-9708	STX,B	108	214.0	17.3	1	32.9	779	31
Pioneer	P1197CHR CK	OT	111	226.1	18.5	1	34.8	817	12
Averages =				213.3	18.1	3	34.4	772	
LSD (0.10) =				14.5	0.7	7			
LSD (0.25) =				10.1	0.5	5			
C.V. =				5.0	2.7				

Randy Meinsma

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

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.70; non-GMO = \$3.70

Test Comments: *The few days before harvest, the plot received strong winds. Brace roots were good but stalk strength was deteriorating, resulting in stalk breakage and plants falling over just below the ear. Leaf blight was present. Ears were short but had good kernel depth. Some hybrids showed signs of post-pollination stress with tip die-back ears. Strong ear shanks held some ears in a vertical position.*

† 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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SOIL DESCRIPTION: Kenyon loam, well drained, strip-till, non-irrigated
SOIL CONDITION:
PEST MANAGEMENT: Armezon, Status, Roundup, Sharpen, Buccaneer Plus, Headline, Force
FERTILITY - Applied N: 81 Spring, 88 Sidedress
Applied N-P-K (units): 169-65-75
SEEDING - RATE - ROW: May 14 32,400 /A 30" spacing
HARVESTED - STAND: Nov 9 34,400 /A

Full-Season Test
111 - 114 Day CRM
B2015IAEC21b

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG5618STXRIB	STX,B	112	226.9	20.2	1	34.8	810	2
Dekalb	DKC64-89RIB GC	VT2P,B	114	226.4	18.7	1	31.9	817	1
Dairyland	DS9911	STX	111	220.4	20.1	1	34.8	787	5
Great Lakes	6185STXRIB	STX,B	111	220.1	18.8	2	34.8	793	4
Steyer	11407VT3PRO RIB	VT3P,B	114	219.1	21.4	1	32.9	776	8
Kruger	K4R-9613	STX,B	113	218.7	21.5	1	34.8	774	9
Augusta	A5664GT3000	3000GT	114	218.3	20.2	3	33.9	779	6
Titan Pro	TP 55-11 2P	VT2P	111	216.6	19.3	2	33.9	778	7
LG Seeds	LG5622STXRIB	STX,B	113	216.1	20.5	1	35.8	770	11
Latham	LH6317VT2Pro	VT2P	113	214.9	22.1	1	34.8	757	16
Wyffels	W7108RIB	STX,B	111	214.7	19.3	1	33.9	771	10
Wyffels	W7888RIB	STX,B	114	214.0	20.6	1	35.8	762	12
Great Lakes	6462STXRIB	STX,B	114	213.6	20.7	1	35.8	760	14
Renk	RK871VT2P	VT2P	111	213.0	20.1	1	34.8	761	13
Dyna-Gro	D52SS91	STX	112	212.2	21.0	1	35.8	753	18
NuTech/G2 Gen	5F-713^	AM,B	113	211.8	19.4	1	33.9	760	15
Channel	214-45STXRIB	STX,B	114	210.9	20.7	1	33.9	750	20
Pfister	X14677S2	STX	112	209.9	19.2	2	33.9	755	17
NuTech/G2 Gen	5F-811AM^	AM,B	111	209.4	20.6	4	35.3	745	23
Channel	213-26VT2PRIB	VT2P,B	113	209.1	19.4	1	33.9	751	19
Champion	CSX62A16SS	STX	112	208.7	19.5	1	36.8	749	21
FS InVISION	FS 63SX1 RIB	STX,B	113	208.3	21.3	1	32.9	738	28
Kruger	K4R-9313	STX,B	113	207.9	19.3	2	33.9	747	22
Latham	LH6359SSRIB	STX,B	113	207.9	19.8	1	34.8	744	25
Cornelius	C733SS	STX	113	207.6	19.4	1	33.9	745	24
Beck	XL 6165^	OIX	111	207.1	19.4	1	35.8	743	27
Pfister	3366RA	STX,B	112	206.7	21.8	1	32.9	730	31
Kruger	K4R-9512	STX,B	112	206.4	18.9	1	33.9	744	26
Prairie Brand	x1571SX	STX	113	206.4	20.4	2	36.3	736	29
Golden Harvest	G11K47-3010 GC	3010	111	204.2	19.8	1	33.9	731	30
Pioneer	P1197CHR CK	OT	111	220.1	18.7	1	35.3	794	3
Averages =				202.3	20.3	2	34.4	722	
LSD (0.10) =				16.5	0.7	4			
LSD (0.25) =				11.5	0.5	3			
C.V. =				6.0	2.7				

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Early-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4658GT3110	3110	AC,P2	108	NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108
Augusta	A4959GT3110	3110	AVC,C5	109	NuTech/G2 Gen	5Z-906^	OI	MQ,P1V	106
Beck	5852	3111	Es,P1V	108	Pfister	2447RA	STX,B	CM,C5,Vi,In	106
Beck	XL 5665^	OIX	Es,P1V	106	Pfister	2565SS	STX,B	CM,C5,Vi,In	108
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107
Champion	CSX56A13VT2Pro	VT2P	CM,C2	106	Pioneer	P0589AM GC	AM,AQ,B	MQ,C2,R,Lu	105
Champion	CSX57A13SSRIB	STX,B	CM,C2	107	Pioneer	P1197CHR CK	OT	MQ,C2	111
Champion	CSX57A16VT2Pro	VT2P	CM,C2	107	Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107
Champion	CSX59A16SSRIB	STX,B	CM,C2	109	Prairie Brand	5825RA	STX,B	CM,C5,Vi,In	108
Channel	207-27STXRIB	STX,B	AC,P5V	107	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Channel	209-46STXRIB	STX,B	AC,P5V	109	Renk	RK752SSTX	STX,B	AC,P5V	108
Channel	209-53STXRIB	STX,B	AC,P5V	109	Renk	RK776SSTX	STX,B	AC,P5V	107
Cornelius	C533SS	STX	AC,P5V	106	Renk	RK791SSTX	STX,B	AC,P5V	108
Cornelius	C574SS	STX	AC,P5V	107	Renk	RK810SSTX	STX	AC,P5V	109
Cornelius	C576SS	STX	AC,P5V	108	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Cornelius	C621SS	STX	AC,P5V	110	Steyer	10904GENSSRIB	STX,B	CM,C2	109
Dairyland	DS9307RA	STX,B	CM,C5,Vi,In	107	Steyer	11004GENSS RIB	STX,B	CM,C2	110
Dairyland	DS9409RA	STX,B	CM,C5,Vi,In	109	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Dairyland	DS9508RA	STX,B	CM,C2	108	Titan Pro	2M07-SS	STX,B	AC,P5V	107
Dekalb	DKC61-55RIB GC	VT2P,DG,B	AC,P2	111	Titan Pro	TP 37-06 SS	STX,B	AC,P5V	106
Dyna-Gro	D48SS38	STX	AC,P5V	108	Titan Pro	TP 58-10 SS	STX	AC,P5V	110
Epley	E1625RR	RR2	MQ	106	Titan Pro	TP 59-08 SS	STX	AC,P5V	108
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	Wyffels	W4968RIB	STX,B	AC,P5V	107
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	Wyffels	W5138RIB	STX,B	AC,P5V	108
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W6818	STX	AC,P5V	110
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	Wyffels	W7246	VT2P	AC,P5V	111
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	5918STXRIB	STX,B	AC,P5V	109					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	K4R-9911	STX,B	AC,P5V	111					
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107					
Latham	LH5939SS	STX	AC,P5V	109					
Latham	LH5947VT3ProRIB	VT3P,B	AC,P2	109					
Latham	LH6045VT2ProRIB	VT2P,B	AC,P2	110					
LG Seeds	LG5523STXRIB	STX,B	AC,P5V	105					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5603STXRIB	STX,B	AC,P5V	111					
NuTech	5N-410	3000GT	MQ,P5V	110					
NuTech	5N-607	3000GT	MQ,P5V	107					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					

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Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A5063VT2Pro	VT2P	AC,P5	113	Pfister	X14677S2	STX	AC,P5V	112
Augusta	A5664GT3000	3000GT	CM,C1	114	Pioneer	P1197CHR CK	OT	MQ,C2	111
Augusta	A6465VT2Pro	VT2P	AC,P2	115	Pioneer	P1311AMXT GC	AMXT,B	MQ,C2	113
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	Prairie Brand	6305RA	STX,B	CM,C5,Vi,In	113
Beck	XL 6165^	OIX	Es,P1V	111	Prairie Brand	6394RA	STX,B	CM,C5,Vi,In	114
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	Prairie Brand	x1571SX	STX	AC,P5V	113
Champion	CSX62A13SSRIB	STX,B	CM,C2	112	Renk	RK871VT2P	VT2P	AC,P2	111
Champion	CSX62A16SS	STX	CM,C2	112	Renk	RK935SSTX	STX,B	AC,P5V	114
Champion	CSX63A16VT2Pro	VT2P	CM,C2	113	Renk	RK941SSTX	STX,B	AC,P5V	114
Champion	CSX64A15VT2Pro	VT2P	CM,C2	114	Steyer	11103GENSS RIB	STX,B	CM,C2	111
Channel	211-33VT2PRIB	VT2P,B	AC,P5V	111	Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114
Channel	213-26VT2PRIB	VT2P,B	AC,P5V	113	Titan Pro	TP 55-11 2P	VT2P	AC,P2	111
Channel	214-45STXRIB	STX,B	AC,P5V	114	Titan Pro	TP 56-14 2P	VT2P	AC,P2	114
Cornelius	C733SS	STX	AC,P5V	113	Titan Pro	TP 57-13 SS	STX	AC,P5V	113
Cornelius	C744SS	STX	AC,P5V	113	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dairyland	DS9412RA	STX,B	CM,C5,Vi,In	112	Wyffels	W7158RIB	STX,B	AC,P5V	111
Dairyland	DS9911	STX	CM,C5,Vi,In	111	Wyffels	W7456	VT2P	AC,P5V	112
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	Wyffels	W7888RIB	STX,B	AC,P5V	114
Dekalb	DKC64-89RIB GC	VT2P,B	AC,P2	114					
Dyna-Gro	D51SS54	STX	AC,P5V	111					
Dyna-Gro	D52SS91	STX	AC,P5V	112					
FS InVISION	FS 61SX1 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					
Golden Harvest	G11K47-3010 GC	3010	AVC,C5,Vi	111					
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114					
Golden Harvest	G14V04-3010	3010	AVC,C5,Vi	114					
Great Lakes	6185STXRIB	STX,B	AC,P5V	111					
Great Lakes	6462STXRIB	STX,B	AC,P5V	114					
Kruger	K4R-9313	STX,B	AC,P5V	113					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9613	STX,B	AC,P5V	113					
Kruger	KR-4913	VT2P,B	AC,P5V	113					
Latham	LH6159SSRIB	STX,B	AC,P5V	111					
Latham	LH6236-3000GT	3000GT	CM,C2	112					
Latham	LH6317VT2Pro	VT2P	AC,P5V	113					
Latham	LH6359SSRIB	STX,B	AC,P5V	113					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5622STXRIB	STX,B	AC,P5V	113					
NuTech	5N-914	3000GT	MQ,P5V	114					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
Pfister	2770RA	STX,B	CM,C5,Vi,In	113					
Pfister	3366RA	STX,B	CM,C5,Vi,In	112					
Pfister	73A1SS	STX	CM,C1	113					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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