

2014 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] BETHANY

Mike Bland, Moultrie County, IL 61914



Test by: 3rd Party Comparisons, LLC, Owaneco, IL

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Drummer-Flanagan silt loam, mod. well drained, strip-till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 3.8% OM
 PEST MANAGEMENT: Distinct, Princep, Verdict
 FERTILITY - Applied N: 27 Fall, 64 Planter, 120 Sidedress
 Applied N-P-K (units): 211-0-0
 SEEDED - RATE - ROW: Apr 26 38,700 /A 30" spacing
 HARVESTED - STAND: Sep 26 35,000 /A

Early-Season Test

105 - 110 Day CRM

B2014ILEC12a

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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
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	262.0	20.1	0	35.2	813	2
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	261.8	19.3	0	35.8	817	1
Sun Prairie	SP2488	STX	AC,P5V	108	260.7	20.3	0	36.5	808	3
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	255.9	19.8	0	35.2	796	5
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	255.8	19.4	0	38.5	798	4
Renk	RK776SSTX	STX,B	AC,P2	107	254.1	19.5	0	33.9	792	8
Wyffels	W5138RIB	STX,B	AC,P5V	108	253.2	18.4	0	36.5	796	6
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	253.2	19.0	2	34.5	793	7
ProHarvest	6990StaxRIB	STX,B	AC,P5V	109	250.5	20.2	1	35.2	777	10
Steyer	10904GENSSRIB	STX,B	CM,C2	109	249.8	20.0	0	30.6	776	12
Mycogen	X13665VX	VT3P	AC,P5V	108	249.2	19.8	0	37.8	775	14
Channel	210-95STXRIB	STX,B	AC,P5V	110	248.8	20.1	0	34.5	772	17
Channel	209-53STXRIB	STX,B	AC,P5V	109	248.7	19.4	3	35.2	776	13
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	248.1	18.3	1	34.5	781	9
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	247.9	18.8	0	33.2	777	11
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	246.2	20.3	0	33.2	763	22
NuTech/G2 Gen	5D-109^	AMX,B	MQ,P5V	109	246.1	19.8	0	35.8	765	20
LG Seeds	LG5579VT3PRIB	VT3P,B	AC,P5V	109	246.0	20.7	0	35.2	760	24
Augusta	A4461VT2Pro	VT2P	AC,P2	111	245.5	20.8	0	34.5	757	28
Wyffels	W5448	STX	AC,P5V	108	245.4	17.9	0	33.2	775	15
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	245.0	19.5	0	36.5	764	21
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,P1V	109	243.9	19.7	6	35.8	759	26
Steyer	10803GENSS RIB	STX,B	CM,C2	108	243.1	17.4	1	35.8	771	18
AgriGold	A6462STX	STX	AC,P5V	110	243.0	19.1	0	35.2	760	25
Dairyland	DS9307SSX	STX	CM,C2	107	242.1	18.4	0	35.8	761	23
Wyffels	W4968	STX	AC,P5V	107	241.2	17.1	0	35.2	766	19
Pfister	2565VT3Pro	VT3P	AC,P5	108	241.1	19.5	1	32.9	752	30
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	239.5	17.5	1	35.2	759	27
Steyer	11004GENSS RIB	STX,B	CM,C2	110	238.5	17.5	3	37.1	755	29
Spectrum	5967	None	CM,C2,St	109	222.5	18.1	5	35.2	773	16
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	237.5	18.7	3	34.5	745	35
Test Average =					242.5	19.6	1	35.0	756	
LSD (0.10) =					10.0	0.6	2			
LSD (0.25) =					7.0	0.4	2			
C.V. =					3.0	2.1				

Eric Beyers

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.23}{\$3.55}$ Local GMO non-GMO

Test Comments: Mike commented that some hybrids stalk quality was poor this year. "One of our corn fields that we just harvested, was about one wind storm from being a lodged disaster." The FIRST trials had minimal lodging (root lodging reported), but many plants failed a stalk "pinch test". Leaf diseases were moderately heavy with gray leaf spot on many hybrids and some northern corn leaf blight observed.

† 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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Report date: 9/28/2014 Revised: 9/30/2014 non-GMO price revised from \$3.33 to \$3.55, GI ranking revised accordingly.

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 FERTILITY - Applied N: 27 Fall, 64 Planter, 120 Sidedress
 Applied N-P-K (units): 211-0-0
 SEEDED - RATE - ROW: Apr 26 38,700 /A 30" spacing
 HARVESTED - STAND: Sep 26 35,700 /A

Full-Season Test

111 - 114 Day CRM
 B2014ILEC12b

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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
Stone	6448RIB	STX,B	AC,P5V	114	264.7	21.9	0	35.8	809	3
Wyffels	W7108	STX	AC,P5V	111	261.9	19.3	0	36.5	818	2
Wyffels	W7888RIB	STX,B	AC,P5V	114	259.5	21.7	0	33.9	795	5
Renk	RK860VT3P	VT3P,B	AC,P2	111	257.4	19.9	0	34.5	800	4
Augusta	A5565VT2Pro	VT2P	CM,C1	115	255.5	23.6	1	37.2	770	15
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114	255.2	22.3	0	33.9	778	12
Dyna-Gro	D52SS91	STX	AC,P5V	112	255.0	21.8	0	33.2	780	11
Augusta	A4564GENSS	STX	AC,P5V	114	253.8	23.6	0	34.5	765	23
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	253.5	20.4	3	35.8	785	8
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	253.5	20.7	2	37.8	783	9
Spectrum	6241	None	CM,C2,St	112	252.8	24.0	0	36.5	841	1
Stone	6378RIB	STX,B	AC,P5V	113	252.8	19.5	1	35.2	788	7
Great Heart	HT-7150VT2PRIB	VT2P,B	AC,P5V	111	252.6	20.6	0	35.2	781	10
Wyffels	W7158	STX	AC,P5V	111	252.5	18.9	0	35.8	791	6
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	251.5	21.7	0	37.8	770	16
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112	251.3	21.1	1	33.9	773	13
Great Lakes	6462STXRIB	STX,B	AC,P5V	114	250.5	22.2	0	37.8	764	25
Renk	RK898SSTX	STX	AC,P2	113	249.9	21.4	0	33.2	767	21
ProHarvest	8244StaxRIB	STX,B	AC,P5V	112	249.6	21.9	0	35.8	763	29
Channel	213-59STXRIB	STX,B	AC,P5V	113	249.0	20.2	1	35.2	772	14
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	248.9	21.3	2	34.5	765	24
Stine	R9741VT3Pro	VT3P,B	AC,P2	112	248.7	21.4	0	35.2	764	26
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112	248.3	21.6	0	35.8	761	30
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112	248.1	20.0	0	37.8	770	17
Renk	RK890SSTX	STX,B	AC,P2	113	247.9	20.3	0	35.8	768	18
Dyna-Gro	D51VP32	VT3P	AC,P5V	111	247.2	19.9	0	36.5	768	19
Wyffels	W7448	STX	AC,P5V	112	247.1	19.9	0	37.8	768	20
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112	246.8	20.4	3	37.8	764	27
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	246.1	20.0	0	35.8	764	28
Stone	6258RIB	STX,B	AC,P5V	112	245.8	19.4	0	36.5	767	22
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	241.8	18.7	0	33.9	759	31
Test Average =					244.8	21.4	1	35.7	752	
LSD (0.10) =					9.2	0.8	3			
LSD (0.25) =					6.4	0.6	2			
C.V. =					2.8	2.9				

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2014 Corn Grain - Illinois East Central [ILEC]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6442STXRIB	STX,B	AC,P5V	109	Steyer	10904GENSSRIB	STX,B	CM,C2	109
AgriGold	A6462STX	STX	AC,P5V	110	Steyer	11004GENSS RIB	STX,B	CM,C2	110
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	Stine	R9631VT3Pro	VT3P,B	AC,P2	109
Augusta	A4461VT2Pro	VT2P	AC,P2	111	Stine	R9632SS	STX,B	AC,P2	107
Augusta	A5658GT3000	3000GT	CM,C2	108	Sun Prairie	SP2488	STX	AC,P5V	108
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Wyffels	W4968	STX	AC,P5V	107
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Wyffels	W5138RIB	STX,B	AC,P5V	108
Channel	209-53STXRIB	STX,B	AC,P5V	109	Wyffels	W5448	STX	AC,P5V	108
Channel	210-95STXRIB	STX,B	AC,P5V	110	Wyffels	W6628RIB	STX,B	AC,P5V	110
Dairyland	DS9307SSX	STX	CM,C2	107					
Dairyland	DS9610	3000GT	CM,C2	110					
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110					
Dyna-Gro	D50SS43	STX	AC,P5V	111					
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V	109					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
Great Heart	HT-6930VT2P	VT2P	AC,P5V	109					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	6068STXRIB	STX,B	AC,P5V	110					
LG Seeds	LG5579VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110					
LG Seeds	LG5603STX	STX	AC,P5V	110					
Mycogen	2A626	STX	CM,C2	107					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	X13665VX	VT3P	AC,P5V	108					
NuTech/G2 Gen	5D-109^	AMX,B	MQ,P5V	109					
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109					
Pfister	2447SS	STX	AC,P5	106					
Pfister	2545SS	STX	AC,P5	107					
Pfister	2565VT3Pro	VT3P	AC,P5	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108					
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,P1V	109					
ProHarvest	6990StaxRIB	STX,B	AC,P5V	109					
ProHarvest	8110StaxRIB	STX,B	AC,P5V	111					
Renk	RK752SSTX	STX,B	AC,P2	105					
Renk	RK776SSTX	STX,B	AC,P2	107					
Renk	RK791SSTX	STX,B	AC,P2	108					
Renk	RK834SSTX	STX	AC,P2	111					
Spectrum	5967	None	CM,C2,St	109					
Steyer	10703GENSS RIB	STX,B	CM,C2	107					
Steyer	10803GENSS RIB	STX,B	CM,C2	108					

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	Accelaron® 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.