

# 2014 Corn Grain Top 30 Harvest Report

Illinois East Central [ ILEC ] TUSCOLA  
John Carmack, Douglas County, IL 61956



PREV. CROP/HERB: Soybean / Roundup, Sharpen, Prowl, Flexstar, Raptor  
SOIL DESCRIPTION: Drummer-Flanagan silty clay loam, moderately drained, no-till, non-irrigated  
SOIL CONDITION: Mod. High P, mod. high K, 6.3 pH, 3% OM  
PEST MANAGEMENT: Capture LFR, Roundup, Lumax, atrazine  
FERTILITY - Applied N: 30 Spring, 34 Planter, 120 Sidedress  
Applied N-P-K (units): 184-9-1  
SEED - RATE - ROW: May 5 38,700 /A 30" spacing  
HARVESTED - STAND: Oct 10 35,200 /A

**Early-Season Test**  
**105 - 110 Day CRM**  
B2014ILEC15a

**Top 30 of 54**  
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	209-53STXRIB	STX,B	AC,P5V	109	<b>235.6</b>	15.6	0	33.2	757	2
Mycogen	X13665VX	VT3P	AC,P5V	108	<b>234.7</b>	15.5	0	34.5	755	3
Wyffels	W4968	STX	AC,P5V	107	<b>231.4</b>	14.8	0	34.5	747	4
Channel	210-95STXRIB	STX,B	AC,P5V	110	230.7	16.0	0	37.1	739	5
Dairyland	DS9307SSX	STX	CM,C2	107	229.0	15.1	0	35.8	739	6
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	226.3	16.0	0	37.8	725	9
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	225.8	15.2	0	32.6	728	7
AgriGold	A6442STXRIB	STX,B	AC,P5V	109	225.8	16.8	0	34.5	719	13
Wyffels	W5138RIB	STX,B	AC,P5V	108	225.5	15.1	0	33.9	728	8
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	225.5	15.6	0	33.9	725	10
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	225.2	15.8	0	35.8	723	11
AgriGold	A6462STX	STX	AC,P5V	110	224.1	15.5	0	36.5	721	12
LG Seeds	LG5603STX	STX	AC,P5V	110	222.8	15.8	0	33.9	715	14
Renk	RK776SSTX	STX,B	AC,P2	107	222.3	16.0	0	34.5	712	16
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	222.2	15.8	0	37.2	713	15
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	221.2	16.3	0	35.2	707	19
Pfister	2545SS	STX	AC,P5	107	221.1	17.4	0	35.2	701	22
Renk	RK791SSTX	STX,B	AC,P2	108	220.9	15.2	0	34.5	712	17
Wyffels	W5448	STX	AC,P5V	108	219.7	15.1	0	37.8	709	18
Renk	RK752SSTX	STX,B	AC,P2	105	219.3	15.2	0	37.1	707	20
ProHarvest	6990StaxRIB	STX,B	AC,P5V	109	219.1	16.1	0	35.8	702	21
Sun Prairie	SP2488	STX	AC,P5V	108	218.3	16.5	0	36.5	697	24
Stine	R9631VT3Pro	VT3P,B	AC,P2	109	217.8	16.5	0	35.8	695	27
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	217.6	16.0	0	36.5	697	25
ProHarvest	8110StaxRIB	STX,B	AC,P5V	111	217.2	16.6	0	36.5	693	28
Steyer	10904GENSSRIB	STX,B	CM,C2	109	217.0	16.6	0	29.9	692	29
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	217.0	16.8	0	35.8	691	30
Stine	R9632SS	STX,B	AC,P2	107	216.6	15.1	0	34.5	699	23
Steyer	10703GENSS RIB	STX,B	CM,C2	107	216.4	15.4	0	33.9	697	26
Spectrum	5967	None	CM,C2,St	109	215.5	14.7	0	35.2	765	1
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	206.6	15.7	0	33.9	664	45
Test Average =					<b>216.0</b>	<b>15.9</b>	<b>0</b>	<b>35.2</b>	<b>694</b>	
LSD (0.10) =					14.9	0.5	ns			
LSD (0.25) =					10.4	0.4	ns			
C.V. =					5.1	2.4				

Eric Beyers

ewbeye@hotmail.com, (217) 825-9072

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

**Test Comments:** John comented that recent rains & higher humidity have kept him & other area farmers out of the fields. The grain in these trials was much dryer than other recently harvested ILEC sites. Standability at this site was awesome with little to no lodging. Corn leaf disease (gray leaf spot) was minimal. Plant height was shorter, 8-10 ft. Ear development was complete with good tip fill & kernel depth.

† 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: 10/10/2014 Revised:

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PEST MANAGEMENT: Capture LFR, Roundup, Lumax, atrazine  
FERTILITY - Applied N: 30 Spring, 34 Planter, 120 Sidedress  
Applied N-P-K (units): 184-9-1  
SEED - RATE - ROW: May 5 38,700 /A 30" spacing  
HARVESTED - STAND: Oct 10 35,700 /A

**Full-Season Test**  
**111 - 114 Day CRM**  
B2014ILEC15b

**Top 30 of 63**  
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
Stine	R9808EVT3Pro	VT3P,B	AC,P2	114	<b>241.6</b>	19.2	0	36.5	755	2
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	235.0	18.0	0	36.5	741	6
Dyna-Gro	D51VP32	VT3P	AC,P5V	111	234.8	16.1	0	35.2	752	3
Stone	6378RIB	STX,B	AC,P5V	113	234.8	16.3	0	37.8	751	4
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	233.8	18.0	0	35.8	738	7
Dyna-Gro	D52SS91	STX	AC,P5V	112	232.6	17.9	0	36.5	734	10
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112	232.5	16.5	0	32.5	742	5
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	231.7	17.0	0	34.5	737	8
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	230.1	17.4	0	34.5	729	15
Dairyland	DS9713RA	STX,B	CM,C2	113	229.8	17.9	0	36.5	726	17
Great Heart	HT-7150VT2PRIB	VT2P,B	AC,P5V	111	229.7	16.9	0	36.5	731	13
Dyna-Gro	D51SS54	STX	AC,P5V	111	229.5	15.9	0	35.8	736	9
Renk	RK860VT3P	VT3P,B	AC,P2	111	229.0	16.1	0	35.8	733	12
Channel	213-59STXRIB	STX,B	AC,P5V	113	228.5	16.3	0	35.2	731	14
Stine	R9741VT3Pro	VT3P,B	AC,P2	112	228.5	17.3	0	31.2	725	18
Pfister	2595RA	STX,B	CM,C2	111	228.4	15.6	0	37.2	734	11
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	227.7	18.8	0	35.2	714	27
Stone	6448RIB	STX,B	AC,P5V	114	227.6	17.5	0	37.8	721	21
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	227.5	16.8	0	35.2	725	19
Great Lakes	6462STXRIB	STX,B	AC,P5V	114	227.2	18.0	0	35.8	717	26
Wyffels	W7108	STX	AC,P5V	111	227.0	15.8	0	37.8	729	16
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114	227.0	17.3	0	33.9	720	22
ProHarvest	8244StaxRIB	STX,B	AC,P5V	112	226.6	16.6	0	37.2	723	20
Wyffels	W7448	STX	AC,P5V	112	226.1	16.9	0	36.5	720	23
Wyffels	W7888RIB	STX,B	AC,P5V	114	225.8	17.8	0	37.8	714	28
Wyffels	W7158	STX	AC,P5V	111	224.7	16.0	0	34.5	720	24
Stone	6258RIB	STX,B	AC,P5V	112	224.6	16.2	0	35.8	719	25
Pfister	3366RA	STX,B	CM,C2	115	224.6	17.5	0	36.5	711	29
Steyer	11304GENSS RIB	STX,B	CM,C2	113	223.2	16.8	0	35.8	711	30
Spectrum	6241	None	CM,C2,St	112	220.8	17.3	0	36.5	771	1
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	220.5	16.0	0	34.5	707	35
Test Average =					<b>222.4</b>	<b>17.2</b>	<b>0</b>	<b>35.7</b>	<b>707</b>	
LSD (0.10) =					13.2	0.4	ns			
LSD (0.25) =					9.2	0.3	ns			
C.V. =					4.4	1.8				

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

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2014 Corn Grain - Illinois East Central [ ILEC ]



**Full-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Renk	RK941SSTX	STX,B	AC,P2	
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	Spectrum	6241	None	CM,C2,St	
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	Steyer	11103GENSS RIB	STX,B	CM,C2	
Augusta	A4564GENSS	STX	AC,P5V	114	Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	
Augusta	A5565VT2Pro	VT2P	CM,C1	115	Steyer	11304GENSS RIB	STX,B	CM,C2	
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112	Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	Stine	R9739VT3Pro	VT3P,B	AC,P2	
Beck	XL 6626AMX^	AMX,B	Es,P1V	114	Stine	R9741VT3Pro	VT3P,B	AC,P2	
Channel	211-24STXRIB	STX,B	AC,P5V	111	Stine	R9808EVT3Pro	VT3P,B	AC,P2	
Channel	213-59STXRIB	STX,B	AC,P5V	113	Stone	6148RIB	STX,B	AC,P5V	
Dairyland	DS9111RA	STX,B	CM,C2	111	Stone	6258RIB	STX,B	AC,P5V	
Dairyland	DS9311RA	STX,B	CM,C2	111	Stone	6378RIB	STX,B	AC,P5V	
Dairyland	DS9314RA	STX,B	CM,C2	114	Stone	6448RIB	STX,B	AC,P5V	
Dairyland	DS9713RA	STX,B	CM,C2	113	Sun Prairie	SP2708	STX,B	AC,P5V	
Dyna-Gro	D51SS54	STX	AC,P5V	111	Wyffels	W7108	STX	AC,P5V	
Dyna-Gro	D51VP32	VT3P	AC,P5V	111	Wyffels	W7158	STX	AC,P5V	
Dyna-Gro	D52SS91	STX	AC,P5V	112	Wyffels	W7448	STX	AC,P5V	
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	Wyffels	W7888RIB	STX,B	AC,P5V	
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					
Great Heart	HT-7150VT2PRIB	VT2P,B	AC,P5V	111					
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112					
Great Lakes	6261STX	STX	AC,P5V	112					
Great Lakes	6462STXRIB	STX,B	AC,P5V	114					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2C788	STX,B	CM,C2	114					
Mycogen	2C799	STX,B	CM,C2	114					
Mycogen	2V779	STX,B	CM,C2	113					
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
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	P0832AMRW CK	AMRW,B	MQ,P1V,R	108					
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112					
ProHarvest	8244StaxRIB	STX,B	AC,P5V	112					
ProHarvest	8330StaxRIB	STX,B	AC,P5V	113					
Renk	RK860VT3P	VT3P,B	AC,P2	111					
Renk	RK890SSTX	STX,B	AC,P2	113					
Renk	RK898SSTX	STX	AC,P2	113					

## 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	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.