

2016 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] FORSYTH
Jim Cullison, Macon County, IL 61913



PREV. CROP/HERB: Soybean / Boundary, Touchdown, Fusilade
SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/ fall till, mod. high P, mod. high K, 6.6 pH, 3.5% OM
PEST MANAGEMENT: Acuron, Touchdown
FERTILITY - Applied N: 148 Fall, 21 Spring
Applied N-P-K (units): 169-VRT-VRT
SEDED - RATE - ROW: May 21 36,000 /A 30" spacing
HARVESTED - STAND: Oct 13 34,900 /A

Early-Season Test
105 - 110 Day CRM
B2016ILEC14a

Top 30 of 56
For Gross Income (Sorted by Yield)
Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5F-308^	AM,B	108	228.0	14.5	0	34.8	734	1
Golden Harvest	G10T63-3000GT	3000GT	110	222.0	14.4	6	35.3	715	3
NuTech/G2 Gen	5F-906^	AM,B	106	220.0	14.3	0	35.8	708	4
Pioneer	P0506AM GC	AM,AQ,B	105	217.8	14.2	0	33.9	701	5
Great Heart	HT-7001VT3P	VT3P,B	110	217.7	14.9	1	35.3	701	6
Seed Consultants	SCS 10HR43	HX,RR2	104	215.7	14.4	0	35.8	695	7
Augusta	A1108VT2ProRIB	VT2P,B	108	215.2	14.3	0	35.3	693	8
Pfister	2545RASS	STX,B	107	213.0	15.0	0	35.8	686	9
Great Heart	HT-6912SS	STX,B	109	212.9	14.4	0	35.8	686	10
Seed Consultants	SCS 1086YHR	OI	108	212.6	14.2	1	34.8	685	11
Becks	5883SX	STX	108	212.4	14.3	1	34.8	684	12
Pioneer	P0825AMXT GC	AMXT,B	108	212.3	14.3	3	34.8	684	13
Seed Consultants	SCS 1094YHR	OI	109	212.2	14.6	0	34.4	683	14
Channel	209-53STXRIB GC	STX,B	109	212.0	14.5	0	33.4	683	15
ProHarvest	8074Stax	STX	110	211.5	14.4	0	35.8	681	16
Dairyland	DS-9508RA	STX,B	108	211.4	15.0	0	34.4	681	17
Stone	6068RIB	STX,B	110	211.1	14.6	0	34.8	680	18
Renk	RK792SSTX	STX	108	209.3	14.0	3	33.9	674	19
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	209.2	14.5	0	35.3	674	20
Becks	6076SX	STX,B	110	209.2	14.5	0	34.4	674	21
Stone	5828RIB GC	STX,B	108	208.7	14.4	0	34.4	672	22
Renk	RK810SSTX	STX,B	110	208.5	14.4	0	35.3	671	23
Dekalb	DKC58-06RIB GC	STX,B	108	208.2	14.4	0	35.8	670	24
Wyffels	W5448RIB	STX,B	108	207.5	14.8	0	35.8	668	25
Wyffels	W4968RIB	STX,B	107	206.9	14.0	1	34.4	666	26
Golden Harvest	G07F23-3111	3111	107	206.2	14.3	0	35.3	664	27
NuTech	5N-410	3000GT	110	206.2	14.3	0	34.4	664	28
LG Seeds	LG5548STXRIB	STX,B	108	206.2	14.5	0	35.3	664	29
Pioneer	P0993HR GC	HX,RR2	109	206.0	14.1	0	35.3	663	30
Dekalb	DKC60-67RIB GC	STX,B	110	205.7	14.7	0	34.8	662	31
Pioneer	P1197AMXT CK	AMXT,B	111	224.1	14.4	1	35.3	722	2
Averages =				206.3	14.4	2	34.9	664	
LSD (0.10) =				8.0	0.3	4			
LSD (0.25) =				5.6	0.2	3			
C.V. =				3.3					
Eric Beyers				Prev. years average yield, 191.4 bu/a, 15 yrs					
ewbeye@hotmail.com, (217) 825-9072									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.22; non-GMO = \$3.22

Test Comments: Jim commented that the field surrounding the trials yielded 202 bpa. Seedling emergence was very uniform. About 2-4% green snapping was noted in lodging scores, so a wind storm had hit this area. Some minimal root lodging was also noted. Disease pressure was moderately high. Ear development was very good with 6-7" ears which had excellent grain quality. Plant height ranged from 8-10'.

† 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: Acuron, Touchdown
FERTILITY - Applied N: 148 Fall, 21 Spring
Applied N-P-K (units): 169-VRT-VRT
SEEDING - RATE - ROW: May 21 36,000 /A 30" spacing
HARVESTED - STAND: Oct 13 35,200 /A

Full-Season Test
111 - 114 Day CRM
B2016ILEC14b

Top 30 of 56

For Gross Income (Sorted by Yield)
Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Seed Consultants	SCS 1136YHR	OI	113	231.8	15.5	0	35.3	743	1
LG Seeds	LG5650STX	STX	114	228.3	16.1	0	35.8	729	3
Wyffels	W7456RIB	VT2P,B	112	227.9	15.7	0	35.8	730	2
Steyer	11410GENSS	STX	114	227.0	15.8	0	36.3	726	4
Stone	6448RIB	STX,B	114	226.2	16.3	0	34.8	721	7
FS InVISION	FS 64SX1 RIB	STX,B	114	225.7	15.1	0	35.8	726	5
Pfister	2770RASS	STX,B	113	225.4	15.8	0	35.8	721	8
Dekalb	DKC64-87RIB GC	STX,B	114	223.4	15.3	0	35.3	718	9
Great Heart	HT-7381VT2PRIB	VT2P,B	113	222.9	15.9	1	35.8	713	11
Steyer	11305GENSSRIB	STX,B	113	222.6	14.9	2	35.8	717	10
Wyffels	W7888RIB	STX,B	114	221.3	15.2	1	35.8	711	13
ProHarvest	8312Stax	STX	113	221.3	15.5	0	35.3	710	15
Pioneer	P1417AMX GC	AMX,B	114	221.3	15.5	0	35.3	710	16
Becks	6165AMX^	AMX,B	111	221.2	15.0	2	34.8	712	12
LG Seeds	LG5618STXRIB	STX,B	112	221.2	15.3	0	35.8	711	14
Renk	RK935SSTX	STX,B	114	221.1	15.7	4	35.8	708	19
Stone	6288RIB	STX,B	112	220.5	14.7	0	35.8	710	17
Wyffels	W7696RIB	VT2P,B	113	220.2	14.7	0	34.4	709	18
Steyer	11409VT2PRO	VT2P	114	219.7	14.7	0	35.3	707	20
Pfister	73A2SS	STX	113	218.5	15.0	1	35.8	704	21
LG Seeds	LG5643STX	STX	114	218.4	14.9	0	34.8	703	22
Seed Consultants	SC 11AQ15	3000GT	112	218.4	15.8	0	35.8	699	26
FS InVISION	FS 63ZX1 RIB	STX,B	113	218.2	15.5	0	35.3	700	24
NuTech/G2 Gen	5F-713^	AM,B	113	218.0	14.5	0	35.8	702	23
Seed Consultants	SCS 1125YHR	OI	112	217.5	14.6	0	35.3	700	25
ProHarvest	8244Stax	STX	112	217.2	15.0	0	34.8	699	27
NuTech/G2 Gen	5F-311^	AM,AQ,B	111	217.2	14.9	2	33.4	699	28
Seed Consultants	SC 11AQ17	3000GT	111	217.1	14.7	0	34.8	699	29
Steyer	11208VT3PRO RIB	VT3P,B	112	216.5	15.2	0	34.8	696	30
Great Lakes	6185STXRIB	STX,B	111	216.0	12.5	0	35.3	696	31
Pioneer	P1197AMXT CK	AMXT,B	111	224.7	14.7	0	35.3	724	6
Averages =				215.0	15.0	1	35.2	691	
LSD (0.10) =				8.8	0.9	3			
LSD (0.25) =				6.2	0.6	2			
C.V. =				3.5					
Eric Beyers ewbeye@hotmail.com, (217) 825-9072									Prev. years average yield, 191.4 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.22; non-GMO = \$3.22

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Early-Season Test Products (56 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108	Seed Consultants SCS	1086YHR	OI	MQ,P5V,R	108
Becks	5828AMX^	AMX,AQ,B	Es	110	Seed Consultants SCS	1094YHR	OI	MQ,P5V,R	109
Becks	5883SX	STX	Es	108	Seed Consultants SCS	10HR43	HX,RR2	MQ,C2	104
Becks	6076SX	STX,B	Es	110	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Channel	209-53STXRIB GC	STX,B	AC,P5V	109	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Dairyland	DS-9110	STX	CM,C1,Vi,In	110	Stone	5828RIB GC	STX,B	AC,P5V	108
Dairyland	DS-9508RA	STX,B	CM,C2	108	Stone	6068RIB	STX,B	AC,P5V	110
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Wyffels	W4968RIB	STX,B	AC,P5V	107
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Wyffels	W5448RIB	STX,B	AC,P5V	108
FS InVISION	FS 57TX1	STX	AC,P5V	107	Wyffels	W6198	STX	AC,P5V	109
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
FS InVISION	FS 60LX1	STX	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
Golden Harvest	G06N80-3111	3111	AVC,C2,Vi	106					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G09E98-3122	3122,B	AVC,C5,Vi	109					
Golden Harvest	G10T63-3000GT	3000GT	AVC,C5,Vi	110					
Great Heart	HT-6912SS	STX,B	AC,P5V	109					
Great Heart	HT-7001VT3P	VT3P,B	AC,P5V	110					
Great Heart	HT-7037 3220EZVIP	3220,B	AVC,C5	110					
Great Lakes	5824STXRIB	STX,B	AC,P5V	108					
Great Lakes	5944STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5520STX	STX	AC,P5V	105					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5F-710^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-906^	AM,B	MQ,P5V,R	106					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	68A1VX	HXT,RR2	CM,C5,Vi,In	108					
Pfister	69B1VX	HXT,RR2	CM,C1,Vi,In	109					
Pfister	70A1SSR	STX	CM,C1,Vi,In	110					
Pioneer	P0506AM GC	AM,AQ,B	MQ,C2	105					
Pioneer	P0825AMXT GC	AMXT,B	MQ,P1V	108					
Pioneer	P0993HR GC	HX,RR2	MQ,C2	109					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
ProHarvest	6705Stax	STX	AC,P5V	107					
ProHarvest	8074Stax	STX	AC,P5V	110					
Renk	RK791SSTX	STX,B	AC,P5V	108					
Renk	RK792SSTX	STX	AC,P5V	108					
Renk	RK794DGV2P	VT2P,DG,B	AC,P2	108					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Seed Consultants SCS	1067YHR	OI	MQ,P1V,R	106					

2016 Corn Grain - Illinois East Central [ILEC]



Full-Season Test Products (56 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A5664GT3000	3000GT	CM,C1	114	Steyer	11208VT3PRO RIB	VT3P,B	AC,P5V	112
Becks	6165AMX^	AMX,B	Es	111	Steyer	11305GENSSRIB	STX,B	CM,C2	113
Becks	6365AMX^	AMX,B	Es	113	Steyer	11409VT2PRO	VT2P	CM,C2	114
Dairyland	DS-9412RA	STX,B	CM,C5,Vi,In	112	Steyer	11410GENSS	STX	CM,C2	114
Dairyland	DS-9513	STX	CM,C1,Vi,In	113	Stone	6288RIB	STX,B	AC,P5V	112
Dairyland	DS-9911	STX	CM,C5,Vi,In	111	Stone	6378RIB	STX,B	AC,P5V	113
Dekalb	DKC63-71RIB GC	STX,B	AC,P5V	113	Stone	6448RIB	STX,B	AC,P5V	114
Dekalb	DKC64-87RIB GC	STX,B	ACHD,P5V	114	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dyna-Gro	D51SS54	STX	AC,P5V	111	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Dyna-Gro	D52SS56	STX	AC,P5V	112	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Dyna-Gro	D54SS60	STX	AC,P5V	114	Wyffels	W7888RIB	STX,B	AC,P5V	114
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62VX1	STX	AC,P5V	112					
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114					
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Golden Harvest	G14R38-3122	3122,B	AVC,C5,Vi	114					
Great Heart	HT-7134DGV2P	VT2P,DG	AC,P5V	111					
Great Heart	HT-7240SSRIB	STX,B	AC,P5V	112					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
Great Lakes	6185STXRIB	STX,B	AC,P5V	111					
Great Lakes	6261STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5643STX	STX	AC,P5V	114					
LG Seeds	LG5650STX	STX	AC,P5V	114					
NuTech	5N-914	3000GT	MQ,P5V,R	114					
NuTech/G2 Gen	5F-311^	AM,AQ,B	MQ,P5V,R	111					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
Pfister	2770RASS	STX,B	CM,C5,Vi,In	113					
Pfister	3366RASS	STX,B	CM,C5,Vi,In	112					
Pfister	71C1VX	HXT,RR2	CM,C1,Vi,In	111					
Pfister	73A2SS	STX	CM,C1,Vi,In	113					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
ProHarvest	8244Stax	STX	AC,P5V	112					
ProHarvest	8312Stax	STX	AC,P5V	113					
Renk	RK815SSTX	STX	AC,P5V	111					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Seed Consultants	SC 11AQ15	3000GT	MQ,P5V,R	112					
Seed Consultants	SC 11AQ17	3000GT	AVC,C5,Vi	111					
Seed Consultants	SCS 1125YHR	OI	MQ,P5V,R	112					
Seed Consultants	SCS 1136YHR	OI	MQ,P1V,R	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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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®, HPT®, 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
AChD	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®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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