

2016 Corn Grain Top 30 Harvest Report

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



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

PREV. CROP/HERB: Soybean / Roundup, Sharpen, Prowl H2O, Authority Assist, Flexstar, Fusilade
SOIL DESCRIPTION: Drummer-Flanagan silty clay loam, moderately drained, non-irrigated
SOIL CONDITION: No-till, mod. high P, mod. high K, 6.3 pH, 3% OM
PEST MANAGEMENT: Roundup, Lexar, atrazine, GroZyme, Annex LFR
FERTILITY - Applied N: 30 Spring, 30 Planter, 115 Sidedress
Applied N-P-K (units): 175-9-1
SEEDED - RATE - ROW: May 19 36,000 /A 30" spacing
HARVESTED - STAND: Oct 9 34,400 /A

Early-Season Test

105 - 110 Day CRM
B2016ILEC16a

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
Augusta	A1108VT2ProRIB	VT2P,B	108	198.1	14.8	2	34.4	638	1
Golden Harvest	G10T63-3000GT	3000GT	110	196.4	15.2	8	35.8	631	2
FS InVISION	FS 60QV1 RIB	VT2P,B	110	195.5	14.6	0	34.8	630	3
Pioneer	P0825AMXT GC	AMXT,B	108	194.8	15.6	6	34.4	624	4
Great Heart	HT-7001VT3P	VT3P,B	110	191.8	15.4	0	34.8	616	5
Wyffels	W4968RIB	STX,B	107	191.3	14.3	5	35.3	616	6
Dekalb	DKC60-67RIB GC	STX,B	110	191.0	14.8	0	35.3	615	7
Seed Consultants	SCS 1086YHR	OI	108	190.7	14.9	0	35.3	614	8
Pioneer	P0993HR GC	HX,RR2	109	190.7	14.7	7	34.8	614	9
Seed Consultants	SCS 10HR43	HX,RR2	104	188.9	14.5	0	34.4	608	10
Pioneer	P0506AM GC	AM,AQ,B	105	188.8	14.9	0	35.3	608	11
NuTech/G2 Gen	5F-308^	AM,B	108	187.9	14.7	0	34.8	605	13
NuTech/G2 Gen	5F-906^	AM,B	106	187.1	14.6	0	32.9	602	14
Golden Harvest	G07F23-3111	3111	107	185.3	14.7	0	35.8	597	15
LG Seeds	LG5520STX	STX	105	184.7	14.7	0	32.9	595	16
Wyffels	W5448RIB	STX,B	108	184.7	14.8	0	35.8	595	17
Steyer	11005GENSSRIB	STX,B	110	184.4	14.7	0	34.8	594	18
Wyffels	W6198	STX	109	183.9	14.5	1	34.4	592	19
Becks	5883SX	STX	108	183.0	14.7	0	34.8	589	20
Dairyland	DS-9508RA	STX,B	108	182.6	15.2	0	34.8	587	21
Renk	RK792SSTX	STX	108	181.4	14.6	3	33.9	584	22
Great Lakes	5824STXRIB	STX,B	108	180.7	15.0	0	35.3	582	23
Pfister	2545RASS	STX,B	107	179.0	15.3	0	35.8	575	24
ProHarvest	6705Stax	STX	107	178.7	14.3	10	32.9	575	25
Renk	RK810SSTX	STX,B	110	177.1	14.4	0	34.4	570	26
Golden Harvest	G09E98-3122	3122,B	109	176.4	15.9	2	35.3	564	27
Golden Harvest	G06N80-3111	3111	106	174.9	14.7	0	34.8	563	28
Stone	5828RIB GC	STX,B	108	173.8	14.2	1	35.3	560	29
LG Seeds	LG5565STXRIB	STX,B	108	172.8	15.1	4	34.8	556	30
Seed Consultants	SCS 1067YHR	OI	106	171.5	14.4	1	34.4	552	31
Pioneer	P1197AMXT CK	AMXT,B	111	188.9	15.5	1	34.4	606	12
Averages =				174.4	14.7	3	34.4	561	
LSD (0.10) =				13.8	0.3	8			
Eric Beyers				LSD (0.25) =	9.6	0.2	5		
ewbeye@hotmail.com, (217) 825-9072				C.V. =	6.8	Prev. years average yield, 171.5 bu/a, 19 yrs			

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

Test Comments: Site planted very well & produced good even emergence. Corn disease pressure was moderately high. Many hybrids died-off early and had reduced ear size (4-5" length), grain size and drier grain moistures. Healthier hybrids had ears 5-6" in length. Some green snap was noted, but root lodging dominated the lodging scores. Overall, plant heights were shorter here ranging from 6-9 feet.

† 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: 10/10/2016 Revised:

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PREV. CROP/HERB: Soybean / Roundup, Sharpen, Prowl H2O, Authority Assist, Flexstar, Fusilade

SOIL DESCRIPTION: Drummer-Flanagan silty clay loam, moderately drained, non-irrigated

SOIL CONDITION: No-till, mod. high P, mod. high K, 6.3 pH, 3% OM

PEST MANAGEMENT: Roundup, Lexar, atrazine, GroZyme, Annex LFR

FERTILITY - Applied N: 30 Spring, 30 Planter, 115 Sidedress

Applied N-P-K (units): 175-9-1

SEDED - RATE - ROW: May 19 36,000 /A 30" spacing

HARVESTED - STAND: Oct 9 35,200 /A

Full-Season Test

111 - 114 Day CRM

B2016ILEC16b

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
Steyer	11410GENSS	STX	114	218.1	17.5	0	37.3	689	1
Stone	6288RIB	STX,B	112	212.7	16.3	0	36.8	678	2
FS InVISION	FS 64SX1 RIB	STX,B	114	211.0	17.7	0	35.8	665	3
ProHarvest	8244Stax	STX	112	207.1	16.3	0	35.8	660	4
Wyffels	W7456RIB	VT2P,B	112	206.2	17.5	1	36.8	651	8
Seed Consultants	SCS 1136YHR	OI	113	205.9	17.2	0	35.8	652	7
Seed Consultants	SC 11AQ17	3000GT	111	204.0	15.7	0	34.8	653	6
Steyer	11305GENSSRIB	STX,B	113	203.7	16.8	0	35.3	647	10
Augusta	A5664GT3000	3000GT	114	203.7	17.6	0	33.9	643	11
Wyffels	W7696RIB	VT2P,B	113	203.5	16.0	0	34.8	650	9
Great Heart	HT-7240SSRIB	STX,B	112	201.7	16.4	0	35.3	642	12
LG Seeds	LG5650STX	STX	114	201.2	17.5	2	36.3	635	14
Dyna-Gro	D54SS60	STX	114	200.4	16.7	0	34.8	637	13
Great Heart	HT-7381VT2PRIB	VT2P,B	113	199.8	17.1	0	35.8	633	15
Pfister	2770RASS	STX,B	113	198.8	16.7	0	36.8	632	16
NuTech	5N-914	3000GT	114	198.0	18.1	0	34.4	622	18
Stone	6448RIB	STX,B	114	197.0	16.9	0	35.3	625	17
Seed Consultants	SC 11AQ15	3000GT	112	195.8	17.6	3	34.8	618	19
Steyer	11208VT3PRO RIB	VT3P,B	112	193.4	15.9	0	34.8	618	20
Golden Harvest	G14R38-3122	3122,B	114	192.7	17.8	0	35.3	607	24
Golden Harvest	G12W66-3000GT	3000GT	112	192.0	15.6	0	35.8	615	21
LG Seeds	LG5643STX	STX	114	190.4	16.1	1	35.3	608	22
Renk	RK935SSTX	STX,B	114	189.7	15.5	1	35.3	608	23
Wyffels	W7888RIB	STX,B	114	189.1	15.6	0	35.8	606	25
ProHarvest	8312Stax	STX	113	187.9	15.2	1	34.8	604	26
FS InVISION	FS 62VX1	STX	112	186.8	15.5	1	34.8	599	27
NuTech/G2 Gen	5F-713^	AM,B	113	186.5	15.9	1	35.8	596	28
Stone	6378RIB	STX,B	113	185.1	14.8	0	34.4	596	29
Great Heart	HT-7134DGVT2P	VT2P,DG	111	184.9	15.0	2	35.3	595	30
Golden Harvest	G11F16-3111A	3111,A	111	184.0	15.2	0	35.8	592	31
Pioneer	P1197AMXT CK	AMXT,B	111	204.5	15.7	2	35.8	655	5
Averages =				186.3	15.9	1	35.2	595	
LSD (0.10) =				14.0	0.4	4			
LSD (0.25) =				9.8	0.3	3			
C.V. =				6.4					
Eric Beyers ewbeye@hotmail.com, (217) 825-9072				Prev. years average yield, 171.5 bu/a, 19 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	Accelaron® fungicide products	Lu	Lumivia™
AChD	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®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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