

2015 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, no-til, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.3 pH, 3% OM
PEST MANAGEMENT: Capture LFR, Roundup, Lumax, atrazine, Stratego
FERTILITY - Applied N: 30 Spring, 30 Planter, 130 Sidedress
Applied N-P-K (units): 190-9-1
SEDED - RATE - ROW: May 3 36,600 /A 30" spacing
HARVESTED - STAND: Oct 1 34,500 /A

Early-Season Test

105 - 110 Day CRM
B2015ILEC16a

Top 30 of 63

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
Dyna-Gro	D48SS38	STX	108	225.6	16.2	0	34.5	851	2
FS InVISION	FS 60ZX1 RIB	STX,B	110	224.8	16.8	0	33.2	844	4
Pfister	X12546S2R4	STX,B	107	224.0	16.1	0	33.9	845	3
Beck	XL 5828AMX^	AMX,AQ,B	110	222.2	16.6	0	34.5	835	7
LG Seeds	LG5548STXRIB	STX,B	109	220.9	15.7	0	34.5	836	5
Axis	57H55RIB	STX,B	107	220.7	15.4	0	34.5	836	6
Pioneer	P0843AM GC	AM,B	108	220.4	16.3	0	34.5	830	9
Dairyland	DS9307RA	STX,B	107	219.7	15.6	0	35.8	832	8
Renk	RK810SSTX	STX	109	219.0	16.4	0	33.2	825	11
Seed Consultants	SCS 10HR43^	HX,RR2	105	218.5	15.8	0	35.8	826	10
LG Seeds	LG5565STXRIB	STX,B	108	217.1	16.0	0	35.2	820	12
Great Heart	HT-6912SS	STX	109	216.6	15.6	0	34.5	820	13
Beck	XL 5939AMXT^	AMXT,B	109	216.3	16.2	0	34.5	815	15
Dairyland	DS9409RA	STX,B	109	216.1	15.9	3	33.9	816	14
Great Heart	HT-7001VT3PRIB	VT3P,B	110	215.7	16.6	0	34.5	811	20
ProHarvest	6990Stax	STX	109	215.4	16.2	0	35.8	812	16
Sun Prairie	SP2488	STX	108	215.4	16.7	0	34.5	809	22
Renk	RK791SSTX	STX,B	108	215.2	16.0	0	35.2	812	17
Seed Consultants	SCS 1066YHR^	OI	106	215.1	16.0	0	33.9	812	18
Renk	RK776SSTX	STX,B	107	215.0	16.2	0	35.8	811	21
Great Lakes	5918STXRIB	STX,B	109	214.9	15.9	0	34.5	812	19
NuTech	5N-607	3000GT	107	214.6	16.3	0	33.9	809	23
Pioneer	P0993 GC	None	109	214.5	15.3	0	34.5	863	1
NuTech/G2 Gen	5Z-308^	OI	108	214.4	16.1	0	35.8	809	24
Axis	60R50	STX	110	214.3	16.0	0	35.2	809	25
Stine	R9635SS	STX,B	107	213.4	15.7	0	33.2	807	26
Steyer	11005GENSSRIB	STX,B	110	212.3	15.7	0	35.2	803	27
Dekalb	DKC58-06RIB GC	STX,B	108	211.8	15.5	0	33.2	802	28
Pfister	2565SS	STX,B	108	211.8	16.0	0	35.2	800	29
ProHarvest	6705Stax	STX	107	211.2	15.5	0	34.5	800	30
Pioneer	P0945AMX CK	AMX,AQ,B	109	207.2	15.9	1	34.5	783	49
Averages =				211.1	15.8	0	34.5	799	
LSD (0.10) =				12.7	0.5	1			
LSD (0.25) =				8.9	0.3	1			
C.V. =				4.5	2.3				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.80; non-GMO = \$4.03

Test Comments: John commented that his grid field tile system helped maintain consistently good corn yields across the field this year. May & June rains were excessive. Fortunately, the tests were tilled. Hybrid emergence was very uniform. Minimal stalk rot noted. Very windy while harvesting, but hybrids stood just fine. Plant height ranged from 8-10 feet. Ear development was excellent with tip fill, depth, & quality.

† 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different

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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, no-till, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.3 pH, 3% OM
PEST MANAGEMENT: Capture LFR, Roundup, Lumax, atrazine, Stratego
FERTILITY - Applied N: 30 Spring, 30 Planter, 130 Sidedress
Applied N-P-K (units): 190-9-1
SEDED - RATE - ROW: May 3 36,600 /A 30" spacing
HARVESTED - STAND: Oct 1 34,700 /A

Full-Season Test

111 - 114 Day CRM
B2015ILEC16b

Top 30 of 63

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	DS9412RA	STX,B	112	234.2	17.7	0	34.5	874	1
Pfister	X14677S2	STX	112	232.6	16.7	0	34.5	874	2
Pfister	2770RA	STX,B	113	231.2	18.7	0	35.8	857	4
ProHarvest	8244Stax	STX	112	230.1	17.7	0	33.2	859	3
LG Seeds	LG5618STXRIB	STX,B	112	228.5	17.3	0	35.8	855	5
Pfister	3366RA	STX,B	112	227.0	18.0	0	33.9	846	8
FS InVISION	FS 63SX1 RIB	STX,B	113	226.7	18.4	0	35.2	842	9
Pioneer	P1197AMXT GC	AMXT,B	111	225.9	16.8	0	34.5	848	6
Great Heart	HT-7240SSRIB	STX,B	112	225.8	17.0	0	35.2	847	7
Renk	RK941SSTX	STX,B	114	224.7	17.6	0	35.2	839	11
Great Heart	HT-7150SSRIB	STX,B	111	223.6	16.8	0	33.9	840	10
Seed Consultants	SCS 1125AM^	AM,B	112	223.6	17.0	0	35.2	839	12
Steyer	11208VT3PRO RIB	VT3P,B	112	223.5	16.9	0	35.2	839	13
Stone	6378RIB	STX,B	113	222.6	16.3	0	35.2	839	14
Axis	64T52RIB	STX,B	114	221.7	18.8	0	33.9	821	21
Steyer	11305VT2PRORIB	VT2P,B	113	221.2	17.3	0	35.2	828	17
Renk	RK935SSTX	STX,B	114	220.8	16.9	0	35.2	829	15
NuTech/G2 Gen	5F-713^	AM,B	113	220.4	16.5	0	35.8	829	16
Stone	6288RIB	STX,B	112	219.8	17.7	0	34.5	820	23
NuTech	5N-914	3000GT	114	219.8	17.9	0	33.9	819	24
Dekalb	DKC64-87RIB GC	STX,B	114	219.3	15.9	0	35.2	828	18
Great Lakes	6399STXRIB	STX,B	113	219.0	17.4	0	34.5	819	25
LG Seeds	LG2636VT3PRIB	VT3P,B	114	219.0	17.8	0	35.8	817	26
Stone	6448RIB	STX,B	114	219.0	18.3	0	33.9	814	28
Dairyland	DS9911	STX	111	218.4	16.7	0	35.8	821	22
Great Heart	HT-7381VT2P	VT2P	113	217.2	17.3	0	34.5	813	29
Beck	XL 6365AMX^	AMX,B	113	217.0	16.5	0	35.8	816	27
Great Lakes	6185STXRIB	STX,B	111	216.9	15.5	0	35.2	822	19
Wyffels	W7158RIB	STX,B	111	215.2	15.8	0	34.5	813	30
Augusta	A5565	None	115	205.6	16.2	0	35.2	822	20
Pioneer	P0945AMX CK	AMX,AQ,B	109	207.1	16.0	0	35.8	782	57
Averages =				215.8	17.0	0	34.7	812	
LSD (0.10) =				13.1	0.6	0			
LSD (0.25) =				9.1	0.4	0			
C.V. =				4.5	2.7				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.80; non-GMO = \$4.03

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Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A5658	None	CM,C2	108	Seed Consultants SCS	1066YHR^	OI	MQ,P5V,R	106
Axis	57H55RIB	STX,B	AC,P5V	107	Seed Consultants SCS	1085AM^	AM,B	MQ,P5V,R	108
Axis	60R50	STX	AC,P5V	110	Seed Consultants SCS	1094AM^	AM,AQ,B	MQ,C2,R	109
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Seed Consultants SCS	10HR43^	HX,RR2	MQ,P1V	105
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Dairyland	DS9307RA	STX,B	CM,C5,Vi,In	107	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Dairyland	DS9409RA	STX,B	CM,C5,Vi,In	109	Stine	9634 3000GT	3000GT	CM,C2	108
Dairyland	DS9508RA	STX,B	CM,C2	108	Stine	R9632SS	STX,B	AC,P2	107
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	Stine	R9633VT3Pro	VT3P,B	AC,P2	108
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Stine	R9635SS	STX,B	AC,P2	107
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Stone	5828RIB	STX,B	AC,P5V	108
Dyna-Gro	D48SS38	STX	AC,P5V	108	Stone	5938RIB	STX,B	AC,P5V	109
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	Sun Prairie	SP2488	STX	AC,P5V	108
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	Sun Prairie	SP2500 GSS	STX	AC,P5V	110
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W4968RIB	STX,B	AC,P5V	107
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	Wyffels	W5138RIB	STX,B	AC,P5V	108
Great Heart	HT-6912SS	STX	AC,P5V	109	Wyffels	W5448RIB	STX,B	AC,P5V	108
Great Heart	HT-7001VT3PRIB	VT3P,B	AC,P5V	110	Wyffels	W6818	STX	AC,P5V	110
Great Heart	HT-7004 3000GT	3000GT	AVC,C5	110					
Great Heart	HT-7037 3110VIP	3110	AVC,C5	110					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	5918STXRIB	STX,B	AC,P5V	109					
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					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
NuTech/G2 Gen	5Z-906^	OI	MQ,P1V	106					
Pfister	2447RA	STX,B	CM,C5,Vi,In	106					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105					
Pioneer	P0843AM GC	AM,B	MQ,P1V	108					
Pioneer	P0945AMX CK	AMX,AQ,B	MQ,C2	109					
Pioneer	P0993 GC	None	MQ,P1V	109					
ProHarvest	6705Stax	STX	AC,P5V	107					
ProHarvest	6990Stax	STX	AC,P5V	109					
Renk	RK752SSTX	STX,B	AC,P5V	108					
Renk	RK776SSTX	STX,B	AC,P5V	107					
Renk	RK791SSTX	STX,B	AC,P5V	108					
Renk	RK810SSTX	STX	AC,P5V	109					

2015 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
Augusta	A007	None	CE,C2	115	Renk	RK941SSTX	STX,B	AC,P5V	114
Augusta	A4564GENSS	STX	AC,P5V	114	Seed Consultants SC 10AQ96		3111	AVC,C2,Vi	109
Augusta	A5062	None	AC,P2	112	Seed Consultants SC 11AQ15		3000GT	MQ,P5V	111
Augusta	A5565	None	CM,C2	115	Seed Consultants SCS 1105AM^		AM,B	MQ,P5V,R	110
Axis	61T51RIB	STX,B	AC,P5V	111	Seed Consultants SCS 1125AM^		AM,B	MQ,P5V,R	112
Axis	62D51RIB	STX,B	AC,P5V	112	Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112
Axis	64T52RIB	STX,B	AC,P5V	114	Steyer	11305VT2PRORIB	VT2P,B	CM,C2	113
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	Stine	9812SS	STX	AC,P2	115
Beck	XL 6165^	OIX	Es,P1V	111	Stine	R9739VT3Pro	VT3P,B	AC,P2	113
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	Stine	R9741VT3Pro	VT3P,B	AC,P2	112
Dairyland	DS9412RA	STX,B	CM,C5,Vi,In	112	Stine	R9808EV3Pro	VT3P,B	AC,P2	114
Dairyland	DS9911	STX	CM,C5,Vi,In	111	Stone	6288RIB	STX,B	AC,P5V	112
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	Stone	6378RIB	STX,B	AC,P5V	113
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P2	112	Stone	6448RIB	STX,B	AC,P5V	114
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	Wyffels	W7158RIB	STX,B	AC,P5V	111
Dyna-Gro	D51SS54	STX	AC,P5V	111	Wyffels	W7246	VT2P	AC,P5V	111
Dyna-Gro	D52SS91	STX	AC,P5V	112	Wyffels	W7888RIB	STX,B	AC,P5V	114
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					
Great Heart	HT-7150SSRIB	STX,B	AC,P5V	111					
Great Heart	HT-7240SSRIB	STX,B	AC,P5V	112					
Great Heart	HT-7261VT3PRIB	VT3P,B	AC,P5V	112					
Great Heart	HT-7381VT2P	VT2P	AC,P5V	113					
Great Lakes	6185STXRIB	STX,B	AC,P5V	111					
Great Lakes	6399STXRIB	STX,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
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					
Pfister	2770RA	STX,B	CM,C5,Vi,In	113					
Pfister	3366RA	STX,B	CM,C5,Vi,In	112					
Pfister	73A1SS	STX	CM,C1	113					
Pfister	X14677S2	STX	AC,P5V	112					
Pioneer	P0945AMX CK	AMX,AQ,B	MQ,C2	109					
Pioneer	P1197AMXT GC	AMXT,B	MQ,P1V	111					
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
ProHarvest	8074Stax	STX	AC,P5V	110					
ProHarvest	8244Stax	STX	AC,P5V	112					
Renk	RK834SSTX	STX,B	AC,P5V	111					
Renk	RK871VT2P	VT2P	AC,P2	111					
Renk	RK935SSTX	STX,B	AC,P5V	114					

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.