

2017 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 / glyphosate, Sharpen, Prowl H2O, Authority Assist, Flexstar
SOIL DESCRIPTION: Drummer-Flanagan silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: No-till, low P, medium K, 6 pH, 2.9% OM, 21.6 CEC
PEST MANAGEMENT: glyphosate, Sharpen, Lumax, atrazine, Headline AMP
FERTILITY - Applied N: 30 Spring, 38 Planter, 135 Sidedress
Applied N-P-K (units): 203-16-5
SEEDING - RATE - ROW: Jun 1 36,600 /A 30" spacing
HARVESTED - STAND: Nov 13 35,000 /A

Early-Season Test

105 - 110 Day CRM
B2017ILEC15a

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
Stone	5848RIB	STX,B	108	210.7	16.4	0	35.3	658	1
Golden Harvest	G09A86-3111	3111	109	206.4	17.0	0	35.3	642	2
Wyffels	W5448RIB	STX,B	108	206.1	17.2	0	35.3	640	4
NuTech	5VN-4707	3111	107	205.5	16.7	0	35.3	641	3
ProHarvest	8074StaxRIB	STX,B	110	205.1	16.8	1	35.8	639	5
Great Heart	HT-7026SS	STX	110	204.7	17.2	0	34.8	636	6
FS InVISION	FS 60QV1 RIB	VT2P,B	110	203.9	16.8	1	35.8	635	7
Dekalb	DKC56-45RIB GC	STX,B	106	202.3	16.3	1	33.4	633	8
Great Heart	HT-6912SSRIB	STX,B	109	202.1	16.9	1	34.8	629	9
Wyffels	W6198RIB	STX,B	109	200.0	16.8	0	34.8	623	10
Renk	RK810SSTX	STX,B	110	200.0	16.9	0	35.8	623	11
Titan Pro	TP 58-10 SS	STX,B	110	198.4	17.2	0	34.8	616	12
LG Seeds	LG5590VT2P	VT2P	110	197.0	17.1	0	35.3	612	14
NuTech/G2 Gen	X5FN-0909^	OI	109	196.4	15.9	0	35.3	616	13
Pfister	69E2SS	STX	109	194.8	17.6	0	34.8	603	19
Augusta	A4759GT3111	3111	109	194.4	16.2	0	34.8	608	15
Pioneer	P0506AM GC	AM,AQ,B	105	194.2	16.4	0	34.8	607	16
Augusta	A1059GT3111	3111	109	194.1	16.9	0	35.3	604	17
Augusta	A4658GT3110	3110	108	193.9	16.7	1	35.3	604	18
Pfister	70A1SSR	STX,B	110	193.8	16.9	2	34.8	603	20
Dairyland	DS-9510SSX	STX	110	193.8	17.4	0	34.8	601	22
LG Seeds	LG5548STXRIB	STX,B	109	193.3	16.7	1	35.3	603	21
Golden Harvest	G07F23-3111	3111	107	192.4	16.4	0	35.8	601	23
Dekalb	DKC58-06RIB GC	STX,B	108	190.5	16.3	1	35.8	596	24
Hefty	H5812VT2P	VT2P	108	190.1	15.9	1	35.3	596	25
Dairyland	DS-9508RA	STX,B	108	190.1	16.3	0	34.8	595	26
Great Lakes	5935STX	STX	109	189.8	16.5	0	33.9	593	27
Wyffels	W4968RIB	STX,B	107	189.2	16.2	0	35.3	592	28
Renk	RK794DGV2P	VT2P,DG,B	108	189.0	16.2	5	34.8	592	29
NuTech/G2 Gen	5F-308^	AM,B	108	188.5	16.2	2	33.9	590	30
Pioneer	P1197AMXT CK	AMXT,B	111	178.5	16.3	0	35.8	558	49

Averages = **188.7** **16.6** **1** **35.0** **589**

LSD (0.10) = 11.7 0.4 ns

LSD (0.25) = 6.1 0.2 1

Eric Beyers

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

C.V. = 6.8 Prev. years average yield, 169.4 bu/a, 20 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.16; non-GMO = \$3.18

Test Comments: John commented that his April 17 planting received over 16" of rain within days. Twenty-one days later, he was happy to find that it all emerged. His corn surrounding the tests averaged 170-190 bpa. Weather delayed planting of the trials. John said his farm received only 0.1 to 0.2" rain from showers in July and August. Ear development varied in size by hybrid. Lodging was mostly of stalks.

† 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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SOIL CONDITION: No-till, low P, medium K, 6 pH, 2.9% OM, 21.6 CEC
PEST MANAGEMENT: glyphosate, Sharpen, Lumax, atrazine, Headline AMP
FERTILITY - Applied N: 30 Spring, 38 Planter, 135 Sidedress
Applied N-P-K (units): 203-16-5
SEEDING - RATE - ROW: Jun 1 36,600 /A 30" spacing
HARVESTED - STAND: Nov 13 35,100 /A

Full-Season Test
111 - 114 Day CRM
B2017ILEC15b

Top 30 of 64

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
Hefty	H6214SS	STX	112	226.1	17.3	1	35.3	701	1
Titan Pro	TP 74-12 SS	STX	112	225.4	17.4	0	35.8	699	2
Great Lakes	6185STXRIB	STX,B	111	223.7	17.0	1	35.3	696	3
Renk	RK859DGV2P	VT2P,DG	112	222.9	17.1	0	35.8	693	4
Stone	6368RIB	STX,B	113	221.6	18.0	0	35.3	684	5
Dairyland	DS-9412SSX	STX	112	221.2	18.0	0	35.3	682	6
Purple Ribbon	PR18A12SS	STX	112	219.5	17.5	0	35.3	680	8
Augusta	A5664GT3000	3000GT	114	218.8	18.0	0	32.4	675	10
Dairyland	DS-7513	PC	113	218.4	16.7	0	35.8	681	7
Titan Pro	TP 71-12 DG2P	VT2P,DG,B	112	218.0	17.2	0	33.9	677	9
Wyffels	W7456RIB	VT2P,B	112	217.4	17.6	2	34.8	673	12
Hefty	H6212VT2P	VT2P	112	217.0	17.1	2	34.8	674	11
Wyffels	W7578	STX	113	217.0	17.4	1	34.8	673	13
Great Heart	HT-7302VT2P	VT2P	113	217.0	17.9	0	35.8	670	16
Hefty	HCEXP11412	VT2P	114	217.0	18.0	2	34.4	669	19
Augusta	A5162GT3000	3000GT	112	215.7	16.7	0	35.8	672	15
FS InVISION	FS 61SX1 RIB	STX,B	111	215.7	17.1	0	35.8	670	17
Dyna-Gro	D52SS91	STX	112	215.6	17.7	0	35.8	667	21
Golden Harvest	G11F16-3111A	3111,A	111	215.3	16.4	0	35.3	673	14
Pfister	71C1PCR	PC,B	111	215.3	16.9	0	35.8	670	18
Golden Harvest	G14R38-3122-EZR	3122,B	114	215.3	18.7	0	34.8	660	28
NK Brand	NK1284-3000GT	3000GT	112	214.9	17.0	1	34.8	668	20
Dekalb	DKC64-87RIB GC	STX,B	114	214.7	17.4	0	35.3	666	22
Wyffels	W7696RIB	VT2P,B	113	214.6	18.2	3	34.4	661	24
Pioneer	P1311AM GC	AM,B	113	214.4	18.2	0	34.4	660	29
Augusta	A5062GT3110	3110	112	213.6	17.4	4	35.3	662	23
Renk	RK842SSTX	STX	112	212.9	17.3	2	35.3	661	25
Stone	6188RIB	STX,B	111	212.9	17.7	0	34.8	658	31
Hefty	H6104SSRIB	STX,B	111	212.4	17.0	0	35.3	661	27
Golden Harvest	G12W66-3000GT	3000GT	112	212.2	17.1	0	33.9	659	30
Pioneer	P1197AMXT CK	AMXT,B	111	212.5	17.0	0	34.8	661	26
Averages =				210.9	17.6	1	35.1	653	
LSD (0.10) =				11.5	0.4	1			
LSD (0.25) =				6.0	0.2	1			
C.V. =				6.0					
Eric Beyers ewbeye@hotmail.com, (217) 825-9072				Prev. years average yield, 169.4 bu/a, 20 yrs					

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.16; non-GMO = \$3.18

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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	A1059GT3111	3111	AVC,C5	109	Renk	RK792SSTX	STX,B	AC,P5V	108
Augusta	A4658GT3110	3110	CM,C2	108	Renk	RK794DGVT2P	VT2P,DG,B	AC,P2	108
Augusta	A4759GT3111	3111	CM,C2	109	Renk	RK810SSTX	STX,B	AC,P5V	110
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108	Stone	5848RIB	STX,B	AC,P5V	108
Dairyland	DS-9510SSX	STX	CM,C5,Vi,In	110	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Dekalb	DKC56-45RIB GC	STX,B	AC,P5V	106	Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Titan Pro	TP 77-06 SS	STX	AC,P5V	106
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Wyffels	W4968RIB	STX,B	AC,P5V	107
Dekalb	DKC60-87RIB GC	STX,B	AC,P5V	110	Wyffels	W5448RIB	STX,B	AC,P5V	108
Dyna-Gro	D50SS51	STX	AC,P5V	110	Wyffels	W6198RIB	STX,B	AC,P5V	109
FS InVISION	FS 57TX1 RIB	STX,B	AC,P5V	107	Wyffels	W6896	VT2P	AC,P5V	110
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
Golden Harvest	G06Z97-3120-EZR	3120,B	AVC,C2,Vi	106					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G09A86-3111	3111	AVC,C5,Vi	109					
Golden Harvest	G10T63-3122-EZR	3122,B	AVC,C5,Vi	110					
Great Heart	HT-6912SSRIB	STX,B	AC,P5V	109					
Great Heart	HT-7026SS	STX	AC,P5V	110					
Great Lakes	5824STXRIB	STX,B	AC,P5V	108					
Great Lakes	5935STX	STX	AC,P5V	109					
Hefty	H5504SSRIB	STX,B	AC,P5V,In	105					
Hefty	H5804SSRIB	STX,B	AC,P5V,In	108					
Hefty	H5812VT2P	VT2P	AC,P2,In	108					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
LG Seeds	LG5606STX	STX	AC,P5V	111					
NK Brand	NK0576-3010	3010	AVC,C2,Vi	105					
NK Brand	NK1066-3122-EZR	3122,B	AVC,C5,Vi	110					
NuTech	5VN-4707	3111	MQ,P1V,R	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-0909^	OI	MQ,P1V,R	109					
Pfister	66Y3PC	PC	CM,C5,Vi,In	106					
Pfister	68A1RR	RR2	CM,C2	108					
Pfister	69E2SS	STX	CM,C5,Vi,In	109					
Pfister	70A1SSR	STX,B	CM,C5,Vi,In	110					
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105					
Pioneer	P0825AMXT GC	AMXT,B	MQ,C2,Lu	108					
Pioneer	P1197AMXT CK	AMXT,B	MQ,C2	111					
ProHarvest	6705StaxRIB	STX,B	AC,P5V	107					
ProHarvest	8074StaxRIB	STX,B	AC,P5V	110					
Renk	RK776SSTX	STX,B	AC,P5V	107					

2017 Corn Grain - Illinois East Central [ILEC]



Full-Season Test Products (64 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A5062GT3110	3110	CM,C1	112	ProHarvest	8312StaxRIB	STX,B	AC,P5V	113
Augusta	A5162GT3000	3000GT	AVC,C5	112	Purple Ribbon	PR15M12SSRIB	STX,B	AC,P5V	112
Augusta	A5664GT3000	3000GT	CM,C1	114	Purple Ribbon	PR16A13VT2PRIB	VT2P,B	AC,P2	113
Dairyland	DS-7513	PC	CM,C1,Vi,In	113	Purple Ribbon	PR18A12SS	STX	AC,P5V	112
Dairyland	DS-9412SSX	STX	CM,C5,Vi,In	112	Renk	RK842SSSTX	STX	AC,P5V	112
Dekalb	DKC63-71RIB GC	STX,B	AC,P5V	113	Renk	RK859DGV2P	VT2P,DG	AC,P5V	112
Dekalb	DKC64-34RIB GC	STX,B	AC,P5V	114	Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	Renk	RK941SSSTX	STX,B	AC,P5V	114
Dyna-Gro	D52SS63	STX	AC,P5V	112	Stone	6188RIB	STX,B	AC,P5V	111
Dyna-Gro	D52SS91	STX	AC,P5V	112	Stone	6288RIB	STX,B	AC,P5V	112
Dyna-Gro	D54SS60	STX	AC,P5V	114	Stone	6368RIB	STX,B	AC,P5V	113
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111	Stone	6458RIB	STX,B	AC,P5V	114
FS InVISION	FS 62VX1 RIB	STX,B	AC,P5V	112	Titan Pro	TP 68-14 SS	STX,B	AC,P5V	114
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Titan Pro	TP 71-12 DG2P	VT2P,DG,B	AC,P2	112
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114	Titan Pro	TP 74-12 SS	STX	AC,P5V	112
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112	Wyffels	W7578	STX	AC,P5V	113
Golden Harvest	G14R38-3122-EZR	3122,B	AVC,C5,Vi	114	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Golden Harvest	G15L32-3111	3111	AVC,C5,Vi	115	Wyffels	W7888RIB	STX,B	AC,P5V	114
Great Heart	HT-7302VT2P	VT2P	AC,P5V	113					
Great Heart	HT-7342SS	STX	AC,P5V	113					
Great Heart	HT-7516SSRIB	STX,B	AC,P5V	115					
Great Lakes	6185STXRIB	STX,B	AC,P5V	111					
Great Lakes	6224STX	STX	AC,P5V	112					
Great Lakes	6401STXRIB	STX,B	AC,P5V	114					
Hefty	H6104SSRIB	STX,B	AC,P5V,In	111					
Hefty	H6212VT2P	VT2P	AC,P2,In	112					
Hefty	H6214SS	STX	AC,P5V,In	112					
Hefty	HCEXP11412	VT2P	AC,P2,In	114					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5624STX	STX	AC,P5V	113					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
NK Brand	NK1284-3000GT	3000GT	AVC,C5,Vi	112					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1307^	OI	MQ,P1V,R	113					
Pfister	2874SSR	STX,B	CM,C5,Vi,In	113					
Pfister	3488PCR	PC,B	CM,C5,Vi,In	115					
Pfister	71C1PCR	PC,B	CM,C5,Vi,In	111					
Pfister	72C6SS	STX	CM,C1,Vi,In	112					
Pioneer	P1197AMXT CK	AMXT,B	MQ,C2	111					
Pioneer	P1311AM GC	AM,B	MQ,P1V	113					
Pioneer	P1422AM GC	AM,B	MQ,P1V	114					
ProHarvest	8277Stax	STX	AC,P5V	112					

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. VPM [®] 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 [®] , VPM [®] 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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
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)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information unavailable	In	Intego [™] Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia [™]
AL2500	Alert 2500 [™]	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	SC	SHIELDCoat [™]
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

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