

2017 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] GALVA
Al Johnston, Knox County, IL 61434



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

PREV. CROP/HERB: Corn, 2+ Yr / Verdict, atrazine, Armezon, atrazine
SOIL DESCRIPTION: Muscatine silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: Strip-till, high P, high K, 6.1 pH, 4.0% OM, 21.6 CEC
PEST MANAGEMENT: Verdict, atrazine, Armezon, atrazine, Headline AMP
FERTILITY - Applied N: 100 Fall, 20 Spring, 100 Sidedress
Applied N-P-K (units): 220-80-60
SEEDING - RATE - ROW: May 29 38,100 /A 30" spacing
HARVESTED - STAND: Nov 9 37,200 /A

Early-Season Test

105 - 110 Day CRM
B2017ILWC03a

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
Pioneer	P0825AMXT GC	AMXT,B	108	274.3	17.3	8	37.8	835	2
NuTech/G2 Gen	5F-308^	AM,B	108	273.3	16.7	0	37.3	836	1
Dekalb	DKC56-45RIB GC	STX,B	106	272.2	16.3	1	37.8	835	3
NuTech/G2 Gen	5F-510^	AM,B	110	270.9	16.8	1	37.3	828	5
NuTech/G2 Gen	X5FN-0909^	OI	109	270.3	16.4	2	37.8	828	6
Lewis	R1511SS	STX,B	110	266.1	17.3	1	37.3	810	9
Hefty	H5812VT2P	VT2P	108	264.8	16.4	0	37.3	812	7
Pfister	68A1RR	RR2	108	264.6	16.4	0	37.8	811	8
Wyffels	W6946DGRIB	VT2P,DG,B	111	264.3	17.0	2	37.8	806	12
Dairyland	DS-9508RA	STX,B	108	263.6	16.2	0	37.8	809	10
Wyffels	W6896	VT2P	110	262.7	16.1	4	37.8	807	11
LG Seeds	LG5590VT2P	VT2P	110	261.1	16.9	0	37.3	797	13
Great Heart	HT-6912SSRIB	STX,B	109	260.8	16.9	0	37.3	796	14
Augusta	A1059GT3111	3111	109	260.5	17.6	0	37.8	791	20
Wyffels	W6198RIB	STX,B	109	260.0	16.6	1	37.8	796	15
Dekalb	DKC58-06RIB GC	STX,B	108	260.0	16.6	2	37.3	796	16
Dekalb	DKC60-87RIB GC	STX,B	110	259.3	17.4	12	36.8	788	22
ProHarvest	8074StaxRIB	STX,B	110	258.7	16.8	3	37.8	790	21
Pioneer	P0506AM GC	AM,AQ,B	105	258.4	16.0	6	37.8	795	17
Great Lakes	5824STXRIB	STX,B	108	258.4	16.1	8	37.8	794	18
Pfister	66Y3PC	PC	106	257.2	15.8	5	37.3	792	19
Great Heart	HT-7026SS	STX	110	256.2	17.6	8	34.4	778	24
Lewis	10DP747	VT2P,B	110	255.8	16.9	0	37.3	781	23
LG Seeds	LG5548STXRIB	STX,B	109	254.6	16.7	7	37.3	778	25
Titan Pro	TP 58-10 SS	STX,B	110	254.6	17.0	1	37.3	777	26
FS InVISION	FS 60LX1 RIB	STX,B	110	253.9	17.4	4	36.8	772	28
Lewis	R1409VT2P	VT2P,B	109	252.7	16.0	2	35.3	777	27
NuTech/G2 Gen	5FB-1010^	AM,B	110	251.6	16.9	1	36.3	768	29
Golden Harvest	G09A86-3111	3111	109	251.5	17.4	0	37.8	765	31
Great Lakes	5935STX	STX	109	250.0	16.2	1	37.3	768	30
Pioneer	P1197AMXT CK	AMXT,B	111	272.0	16.9	11	37.3	830	4
Averages =				253.0	16.6	3	37.2	774	
LSD (0.10) =				8.9	0.3	5			
Eric Beyers				LSD (0.25) =	4.7	0.2	3		
ewbeye@hotmail.com, (217) 825-9072				C.V. =	3.9				Prev. years average yield, 199.8 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.10; non-GMO = \$3.10

Test Comments: All reported that some local elevators are struggling to capacitate this year's higher yielding corn. Some of his corn fields averaged upper 200s. His strip till field may have conserved soil moisture necessary for higher yields. Plant height ranged from 8-12' tall. Ear tip fill was very good.

† 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: Strip-till, high P, high K, 6.1 pH, 4.0% OM, 21.6 CEC
PEST MANAGEMENT: Verdict, atrazine, Armezon, atrazine, Headline AMP
FERTILITY - Applied N: 100 Fall, 20 Spring, 100 Sidedress
Applied N-P-K (units): 220-80-60
SEEDING - RATE - ROW: May 29 38,100 /A 30" spacing
HARVESTED - STAND: Nov 9 37,500 /A

Full-Season Test
111 - 115 Day CRM
B2017ILWC03b

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
Renk	RK859DGV2P	VT2P,DG	112	288.3	17.7	2	36.8	874	1
Titan Pro	TP 74-12 SS	STX	112	274.2	18.0	1	37.3	829	4
Great Lakes	6185STXRIB	STX,B	111	273.3	17.1	1	37.8	833	3
FS InVISION	FS 61SX1 RIB	STX,B	111	270.9	17.8	1	37.3	821	5
NuTech/G2 Gen	X5FN-1307^	OI	113	270.0	18.0	1	36.8	817	7
Hefty	H6214SS	STX	112	269.9	18.3	1	37.8	814	8
FS InVISION	FS 62VX1 RIB	STX,B	112	268.5	17.2	0	37.8	818	6
Renk	RK842SSTX	STX	112	267.9	18.4	1	37.8	808	10
Dekalb	DKC64-87RIB GC	STX,B	114	267.8	18.0	4	37.8	810	9
ProHarvest	8277Stax	STX	112	267.1	18.1	1	37.8	807	11
FS InVISION	FS 63ZX1 RIB	STX,B	113	266.8	18.3	1	37.3	805	13
Stone	6458RIB	STX,B	114	266.3	17.9	5	37.8	806	12
LG Seeds	LG5650VT2PRIB	VT2P,B	115	265.6	18.0	1	37.8	803	15
Wyffels	W7888RIB	STX,B	114	265.3	17.7	1	37.3	805	14
Great Lakes	6401STXRIB	STX,B	114	264.9	18.4	0	37.8	799	16
Stone	6288RIB	STX,B	112	264.0	17.9	6	37.8	799	17
Golden Harvest	G15L32-3111	3111	115	263.8	19.3	10	37.3	789	25
Dekalb	DKC64-34RIB GC	STX,B	114	263.6	18.4	0	37.3	795	19
NuTech/G2 Gen	5F-713^	AM,B	113	263.5	17.7	3	37.8	799	18
NuTech/G2 Gen	X5FN-1512^	OI	115	263.4	19.1	3	37.8	790	24
Lewis	11SS768	STX,B	111	263.3	18.3	1	37.8	795	20
NuTech	X5NN-1212	3000GT	112	263.3	18.2	4	37.8	795	21
Hefty	H6104SSRIB	STX,B	111	262.5	17.9	3	36.8	795	22
Titan Pro	TP 71-12 DG2P	VT2P,DG,B	112	260.9	17.8	3	37.8	791	23
Purple Ribbon	PR18A12SS	STX	112	260.9	18.1	1	37.8	789	26
Dyna-Gro	D52SS63	STX	112	260.3	18.5	1	37.8	784	28
Lewis	R1414SS	STX,B	114	260.2	18.3	13	37.3	785	27
Pfister	72C6SS	STX	112	259.7	18.9	14	37.8	780	31
Pfister	3488PCR	PC,B	115	259.4	18.5	1	37.3	781	29
Lewis	14DP857	VT2P,B	114	255.6	16.8	3	37.3	781	30
Pioneer	P1197AMXT CK	AMXT,B	111	280.6	17.6	5	37.3	852	2
Averages =				258.0	18.1	4	37.5	780	
LSD (0.10) =				11.2	0.8	5			
LSD (0.25) =				5.9	0.4	3			
C.V. =				4.8					
Eric Beyers				Prev. years average yield, 199.8 bu/a, 12 yrs					
ewbeye@hotmail.com, (217) 825-9072									

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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	RK776SSTX	STX,B	AC,P5V	107
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108	Renk	RK792SSTX	STX,B	AC,P5V	108
Dairyland	DS-9510SSX	STX	CM,C5,Vi,In	110	Renk	RK794DGV2P	VT2P,DG,B	AC,P2	108
Dekalb	DKC56-45RIB GC	STX,B	AC,P5V	106	Renk	RK810SSTX	STX,B	AC,P5V	110
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Stone	5848RIB	STX,B	AC,P5V	108
Dekalb	DKC60-87RIB GC	STX,B	AC,P5V	110	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
FS InVISION	FS 57TX1 RIB	STX,B	AC,P5V	107	Titan Pro	TP 77-06 SS	STX	AC,P5V	106
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109	Wyffels	W5448RIB	STX,B	AC,P5V	108
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110	Wyffels	W6198RIB	STX,B	AC,P5V	109
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110	Wyffels	W6896	VT2P	AC,P5V	110
Golden Harvest	G06Z97-3120-EZR	3120,B	AVC,C2,Vi	106	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
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					
Lewis	10DP747	VT2P,B	AC,P5V	110					
Lewis	R1407SS	STX,B	AC,P5V	107					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
Lewis	R1511SS	STX,B	AC,P5V	110					
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	5N-410	3000GT	MQ,P5V,R	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					

2017 Corn Grain - Illinois West Central [ILWC]



Full-Season Test Products (64 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dekalb	DKC64-34RIB GC	STX,B	AC,P5V	114	Purple Ribbon	PR15M12SSRIB	STX,B	AC,P5V	112
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	Purple Ribbon	PR16A13VT2PRIB	VT2P,B	AC,P2	113
Dyna-Gro	D52SS63	STX	AC,P5V	112	Purple Ribbon	PR18A12SS	STX	AC,P5V	112
Dyna-Gro	D52SS91	STX	AC,P5V	112	Renk	RK842SSTX	STX	AC,P5V	112
Dyna-Gro	D54SS60	STX	AC,P5V	114	Renk	RK859DGV2P	VT2P,DG	AC,P5V	112
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111	Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114
FS InVISION	FS 62VX1 RIB	STX,B	AC,P5V	112	Renk	RK941SSTX	STX,B	AC,P5V	114
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Stone	6188RIB	STX,B	AC,P5V	111
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114	Stone	6288RIB	STX,B	AC,P5V	112
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111	Stone	6368RIB	STX,B	AC,P5V	113
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112	Stone	6458RIB	STX,B	AC,P5V	114
Golden Harvest	G14R38-3122-EZR	3122,B	AVC,C5,Vi	114	Titan Pro	TP 56-14 2P	VT2P,DG,B	AC,P5V	114
Golden Harvest	G15L32-3111	3111	AVC,C5,Vi	115	Titan Pro	TP 68-14 SS	STX,B	AC,P5V	114
Great Heart	HT-7302VT2P	VT2P	AC,P5V	113	Titan Pro	TP 71-12 DG2P	VT2P,DG,B	AC,P2	112
Great Heart	HT-7342SS	STX	AC,P5V	113	Titan Pro	TP 74-12 SS	STX	AC,P5V	112
Great Heart	HT-7516SSRIB	STX,B	AC,P5V	115	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Great Lakes	6185STXRIB	STX,B	AC,P5V	111	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Great Lakes	6224STX	STX	AC,P5V	112	Wyffels	W7888RIB	STX,B	AC,P5V	114
Great Lakes	6401STXRIB	STX,B	AC,P5V	114	Wyffels	W8268RIB	STX,B	AC,P5V	116
Hefty	H6104SSRIB	STX,B	AC,P5V,In	111					
Hefty	H6214SS	STX	AC,P5V,In	112					
Hefty	H6502VT2P	VT2P,B	AC,P2,In	115					
Hefty	HCEXP11412	VT2P	AC,P2,In	114					
Lewis	11SS768	STX,B	AC,P5V	111					
Lewis	14DP857	VT2P,B	AC,P5V	114					
Lewis	R1414SS	STX,B	AC,P5V	114					
Lewis	R1613SS	STX,B	AC,P5V	113					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5624STX	STX	AC,P5V	113					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
LG Seeds	LG5650VT2PRIB	VT2P,B	AC,P5V	115					
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					
NuTech/G2 Gen	X5FN-1512^	OI	MQ,P1V,R	115					
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	P1422AM GC	AM,B	MQ,P1V	114					
ProHarvest	8277Stax	STX	AC,P5V	112					
ProHarvest	8312StaxRIB	STX,B	AC,P5V	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. 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.