

2016 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] WILLIAMSVILLE
Bruce & Nick Constant, Sangamon County, IL 62693



PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Tama silt loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/ fall till, mod. high P, mod. high K, 6.5 pH, 3.4% OM
PEST MANAGEMENT: Acuron, Impact, DiFlexx, Quilt Xcel, Force on conventional (non-GMO) only
FERTILITY - Applied N: 140 Fall, 30 Spring, 25 Planter
Applied N-P-K (units): 195-76-114
SEEDING - RATE - ROW: May 22 38,700 /A 30" spacing
HARVESTED - STAND: Sep 26 36,700 /A

Early-Season Test
105 - 110 Day CRM
B2016ILWC04a

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	P0993HR GC	HX,RR2	109	248.8	17.4	0	37.3	761	2
Pioneer	P0825AMXT GC	AMXT,B	108	242.2	18.1	0	37.3	737	3
NuTech/G2 Gen	5F-308^	AM,B	108	240.8	17.7	0	37.3	735	5
NuTech/G2 Gen	5F-710^	AM,B	110	240.2	17.3	0	37.3	736	4
Golden Harvest	G10T63-3000GT	3000GT	110	239.3	19.0	0	37.8	723	8
Wyffels	W6946DGRIB	VT2P,DG,B	111	238.6	19.3	0	36.8	719	9
Augusta	A1108VT2ProRIB	VT2P,B	108	238.3	16.5	0	36.8	735	6
Titan Pro	TP 66-10 2P	VT2P,B	110	236.2	17.1	0	36.3	725	7
LG Seeds	LG5548STXRIB	STX,B	108	235.0	18.7	0	36.8	711	12
NuTech/G2 Gen	X5Z-1001^	OI	110	234.4	18.9	0	35.8	708	13
Steyer	11005GENSSRIB	STX,B	110	234.2	17.9	0	36.8	714	11
Pfister	69B1VX	HXT,RR2	109	231.2	17.7	1	36.8	706	15
ProHarvest	8074Stax	STX	110	230.7	17.9	0	36.8	703	16
Pfister	2545RASS	STX,B	107	230.6	18.7	0	36.8	698	20
Dairyland	DS-9508RA	STX,B	108	230.5	18.9	0	37.3	697	21
Wyffels	W4968RIB	STX,B	107	230.2	16.8	0	37.3	708	14
Titan Pro	TP 58-10 SS	STX,B	110	230.2	18.0	0	36.8	701	18
Wyffels	W6198	STX	109	229.8	17.9	0	36.3	700	19
Great Heart	HT-7001VT3P	VT3P,B	110	229.7	18.7	0	36.8	695	22
FS InVISION	FS 60QV1 RIB	VT2P,B	110	228.6	16.9	0	36.3	702	17
Becks	5828AMX^	AMX,AQ,B	110	227.3	18.5	0	36.8	689	25
Renk	RK810SSTX	STX,B	110	227.0	18.1	0	37.8	691	24
Renk	RK792SSTX	STX	108	225.4	17.0	0	35.8	692	23
Stone	6068RIB	STX,B	110	222.3	17.8	0	36.8	678	29
Becks	5883SX	STX	108	222.2	16.8	0	36.3	683	26
Renk	RK791SSTX	STX,B	108	222.2	17.0	0	37.8	682	27
Dekalb	DKC60-67RIB GC	STX,B	110	222.1	17.4	0	36.3	680	28
Becks	6076SX	STX,B	110	221.1	18.3	0	36.3	672	31
Viking	49-09N	None	109	220.6	17.4	0	37.3	715	10
LG Seeds	LG5565STXRIB	STX,B	108	220.3	17.6	0	37.8	673	30
Pioneer	P1197AMXT CK	AMXT,B	111	255.4	18.8	0	37.8	773	1
Averages =				223.6	17.6	0	36.7	684	
LSD (0.10) =				11.9	0.4	ns			
LSD (0.25) =				8.3	0.3	ns			
C.V. =				4.6	Prev. years average yield, 198.9 bu/a, 7 yrs				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.12; non-GMO = \$3.30

Test Comments: *Nick was amazed that this plot's harvested grain moistures were so dry since it was planted May 22nd. Seedling emergence was very good. Minimal lodging - just a trace of root lodging. Ear and kernel development was very good. Corn leaf diseases (gray leaf spot, common rust) were present, but minimal. Overall, plant health 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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 PEST MANAGEMENT: Acuron, Impact, DiFlexx, Quilt Xcel, Force on conventional (non-GMO) only
 FERTILITY - Applied N: 140 Fall, 30 Spring, 25 Planter
 Applied N-P-K (units): 195-76-114
 SEEDING - RATE - ROW: May 22 38,700 /A 30" spacing
 HARVESTED - STAND: Sep 26 36,900 /A

Full-Season Test
111 - 114 Day CRM
 B2016ILWC04b

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
Great Heart	HT-7381VT2PRIB	VT2P,B	113	254.4	21.1	0	37.3	755	2
Becks	6165AMX^	AMX,B	111	249.3	19.1	0	37.8	752	3
Pioneer	P1197AM GC	AM,B	111	248.9	17.5	0	37.3	761	1
Dyna-Gro	D52SS91	STX	112	248.3	20.2	0	37.3	742	4
NuTech/G2 Gen	5F-713^	AM,B	113	246.2	19.3	0	37.3	742	5
Wyffels	W7456RIB	VT2P,B	112	244.9	20.1	0	37.3	733	6
Wyffels	W7696RIB	VT2P,B	113	243.1	20.2	0	37.8	727	8
LG Seeds	LG5618STXRIB	STX,B	112	241.8	20.0	0	37.3	724	10
Great Heart	HT-7134DGV2P	VT2P,DG	111	241.6	18.8	0	37.3	731	7
Becks	6365AMX^	AMX,B	113	241.6	20.6	0	36.8	720	12
Pioneer	P1311AMXT GC	AMXT,B	113	241.5	19.6	0	36.3	726	9
Steyer	11504GENSSRIB	STX,B	115	240.6	19.9	0	37.3	721	11
Augusta	A5664GT3000	3000GT	114	240.5	21.5	0	37.3	711	22
ProHarvest	8244Stax	STX	112	240.1	20.2	0	37.3	718	14
Pioneer	P1417AMX GC	AMX,B	114	239.1	19.3	0	37.3	720	13
Great Heart	HT-7240SSRIB	STX,B	112	239.1	19.8	0	37.3	717	15
Titan Pro	TP 56-14 2P	VT2P,B	114	238.8	19.8	0	35.3	716	16
FS InVISION	FS 63ZX1 RIB	STX,B	113	238.0	19.8	0	36.8	714	19
ProHarvest	8312Stax	STX	113	238.0	20.9	0	37.3	707	23
Wyffels	W7888RIB	STX,B	114	237.2	19.5	0	37.8	713	21
Dekalb	DKC62-08RIB GC	STX,B	112	237.0	19.1	0	37.3	715	18
Dekalb	DKC63-71RIB GC	STX,B	113	236.9	19.2	0	37.8	714	20
Stone	6458RIB	STX,B	114	236.0	18.5	4	36.8	716	17
LG Seeds	LG5650STX	STX	114	234.3	20.9	0	36.8	696	28
FS InVISION	FS 64SX1 RIB	STX,B	114	234.3	21.5	0	37.8	693	30
Dekalb	DKC64-87RIB GC	STX,B	114	233.7	19.6	0	35.3	702	25
Titan Pro	TP 57-13 SS	STX,B	113	233.6	20.1	0	37.8	699	26
Stone	6368RIB	STX,B	113	233.1	21.0	0	35.8	692	31
Renk	RK941SSTX	STX,B	114	232.8	19.8	0	37.3	698	27
Great Lakes	6261STXRIB	STX,B	112	230.2	18.8	0	37.3	696	29
Pioneer	P1197AMXT CK	AMXT,B	111	234.3	19.1	0	37.3	707	24
Averages =				229.2	19.4	0	36.9	689	
LSD (0.10) =				13.9	0.8	ns			
LSD (0.25) =				9.7	0.6	ns			
C.V. =				5.2	Prev. years average yield, 198.9 bu/a, 7 yrs				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.12; non-GMO = \$3.30

Test Comments: *Nick was amazed that this plot's harvested grain moistures were so dry since it was planted May 22nd. Seedling emergence was very good. Minimal lodging - just a trace of root lodging. Ear and kernel development was very good. Corn leaf diseases (gray leaf spot, common rust) were present, but minimal. Overall, plant health was very good.*

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2016 Corn Grain - Illinois West Central [ILWC]



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	Stone	6068RIB	STX,B	AC,P5V	110
Becks	5828AMX^	AMX,AQ,B	Es	110	Titan Pro	TP 56-06 3110	3110	CM,C2	106
Becks	5883SX	STX	Es	108	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Becks	6076SX	STX,B	Es	110	Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Channel	209-53STXRIB GC	STX,B	AC,P5V	109	Titan Pro	TP 66-10 2P	VT2P,B	AC,P2	110
Dairyland	DS-9110	STX	CM,C1,Vi,In	110	Viking	49-09N	None	CM,C2	109
Dairyland	DS-9508RA	STX,B	CM,C2	108	Viking	73-07N	None	CM,C2	107
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 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	X5V-0707	3111	AVC,C2,Vi	107					
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	X5Z-1001^	OI	MQ,P1V,R	110					
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					
Steyer	10806GENSSRIB	STX,B	CM,C2	108					
Steyer	11005GENSSRIB	STX,B	CM,C2	110					

Full-Season Test Products (64 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A5664GT3000	3000GT	CM,C1	114	Renk	RK815SSTX	STX	AC,P5V	111
Becks	6165AMX^	AMX,B	Es	111	Renk	RK871VT2P	VT2P,B	AC,P2	111
Becks	6365AMX^	AMX,B	Es	113	Renk	RK935SSTX	STX,B	AC,P5V	114
Dairyland	DS-9412RA	STX,B	CM,C5,Vi,In	112	Renk	RK941SSTX	STX,B	AC,P5V	114
Dairyland	DS-9513	STX	CM,C1,Vi,In	113	Steyer	11208VT3PRO RIB	VT3P,B	AC,P5V	112
Dairyland	DS-9911	STX	CM,C5,Vi,In	111	Steyer	11305GENSSRIB	STX,B	CM,C2	113
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112	Steyer	11409VT2PRO	VT2P	CM,C2	114
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5V	112	Steyer	11504GENSSRIB	STX,B	CM,C2	115
Dekalb	DKC63-71RIB GC	STX,B	AC,P5V	113	Stone	6288RIB	STX,B	AC,P5V	112
Dekalb	DKC64-87RIB GC	STX,B	ACHD,P5V	114	Stone	6368RIB	STX,B	AC,P5V	113
Dyna-Gro	D51SS54	STX	AC,P5V	111	Stone	6458RIB	STX,B	AC,P5V	114
Dyna-Gro	D52SS56	STX	AC,P5V	112	Titan Pro	TP 55-11 2P	VT2P,B	AC,P2	111
Dyna-Gro	D52SS91	STX	AC,P5V	112	Titan Pro	TP 56-14 2P	VT2P,B	AC,P2	114
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111	Titan Pro	TP 57-13 SS	STX,B	AC,P5V	113
FS InVISION	FS 62VX1	STX	AC,P5V	112	Titan Pro	TP 68-14 SS	STX	AC,P5V	114
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Wyffels	W7108RIB	STX,B	AC,P5V	111
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112	Wyffels	W7888RIB	STX,B	AC,P5V	114
Golden Harvest	G14R38-3122	3122,B	AVC,C5,Vi	114					
Great Heart	HT-7134DGV2P	VT2P,DG	AC,P5V	111					
Great Heart	HT-7181SS	STX	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					
NK Brand	N68K-3111A	3111,A	AVC,C5,Vi	111					
NK Brand	N74R-3122	3122	AVC,C5,Vi	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					
NuTech/G2 Gen	5F-811^	AM,B	MQ,P5V,R	111					
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	P1197AM GC	AM,B	MQ,C2,R	111					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
Pioneer	P1311AMXT GC	AMXT,B	MQ,P1V,R	113					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
ProHarvest	8244Stax	STX	AC,P5V	112					
ProHarvest	8312Stax	STX	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. 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.