

2014 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] MACOMB

Jerry Lewis, McDonough County, IL 61438



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

PREV. CROP/HERB: Soybean / Roundup, Roundup
 SOIL DESCRIPTION: Tama silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.7 pH, 3.2% OM
 PEST MANAGEMENT: Force, 2,4-D, Harness Xtra
 FERTILITY - Applied N: 150 Spring, 30 Planter, 3 Foliar
 Applied N-P-K (units): 183-0-0
 SEEDED - RATE - ROW: May 7 38,700 /A 30" spacing
 HARVESTED - STAND: Sep 29 34,900 /A

Early-Season Test

105 - 110 Day CRM

B2014ILWC04a

Top 30 of 54

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	244.0	19.6	23	34.5	760	1
Channel	209-53STXRIB	STX,B	AC,P5V	109	237.2	19.9	23	35.8	737	2
Dyna-Gro	D48SS38	STX	AC,P5V	108	236.3	20.9	21	35.8	728	4
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	232.6	18.9	15	33.9	729	3
Dairyland	DS9307SSX	STX	CM,C2	107	231.9	18.6	14	35.2	728	5
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	231.7	20.2	29	33.2	718	7
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	229.7	19.9	26	36.5	714	8
Dyna-Gro	D50SS43	STX	AC,P5V	111	229.6	22.2	51	35.2	700	17
LG Seeds	LG5603STX	STX	AC,P5V	110	229.0	20.8	59	35.2	706	12
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	227.9	18.9	10	33.2	714	9
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	226.6	19.5	14	35.2	706	13
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	226.6	22.2	28	34.5	691	21
Channel	210-95STXRIB	STX,B	AC,P5V	110	226.4	19.3	18	34.5	707	11
Wyffels	W6628RIB	STX,B	AC,P5V	110	226.1	21.5	40	35.8	694	18
Mycogen	X13665VX	VT3P	AC,P5V	108	226.0	19.9	13	33.2	702	16
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	225.8	18.1	0	33.9	712	10
Wyffels	W5138RIB	STX,B	AC,P5V	108	225.3	18.8	10	35.2	706	14
AgriGold	A6442STXRIB	STX,B	AC,P5V	109	225.1	22.4	43	34.5	685	24
Wyffels	W4968	STX	AC,P5V	107	223.5	18.4	31	37.1	703	15
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	223.5	23.0	52	34.5	677	30
Augusta	A4461VT2Pro	VT2P	AC,P2	111	223.3	21.8	4	33.9	683	25
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	223.2	22.5	65	33.9	679	28
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	222.6	20.9	33	34.5	686	23
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,P1V	109	221.3	21.4	87	35.8	679	29
Pioneer	35K01 GC	RR2	MQ,C2	106	221.2	19.0	33	35.2	692	20
Renk	RK752SSTX	STX,B	AC,P2	105	221.0	18.6	30	34.5	694	19
Renk	RK791SSTX	STX,B	AC,P2	108	219.0	18.7	2	31.9	687	22
Wyffels	W5448	STX	AC,P5V	108	215.9	18.3	18	34.5	680	27
Stine	R9632SS	STX,B	AC,P2	107	215.9	18.7	50	36.5	677	31
Spectrum	5967	None	CM,C2,St	109	208.6	18.1	16	34.5	724	6
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	218.7	19.9	65	34.5	680	26
Test Average =					218.0	20.1	29	34.9	679	
LSD (0.10) =					19.3	0.8	25			
LSD (0.25) =					13.4	0.6	18			
C.V. =					6.5	3.1				

Eric Beyers

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

Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = $\frac{\$3.23}{\$3.55}$	Local GMO
					non-GMO

Test Comments: Jerry said that strong wind from a late August T-storm caused extensive root lodging in his fields. The FIRST corn tests were harvested in one direction due to lodging. Stalk Withdrawn was good, but "pinch tests" indicated deteriorating stalk pith. Abundant rain-fall all season likely caused shallow weak corn roots. Moderate levels of gray leaf spot were common. Kernel depth varied from 3/8" to 1/2".

† 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: Force, 2,4-D, Harness Xtra
FERTILITY - Applied N: 150 Spring, 30 Planter, 3 Foliar
Applied N-P-K (units): 183-0-0
SEEDED - RATE - ROW: May 7 38,700 /A 30" spacing
HARVESTED - STAND: Sep 29 34,700 /A

Full-Season Test
111 - 114 Day CRM
B2014ILWC04b

Top 30 of 63
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	238.1	21.0	15	35.2	733	1
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	237.6	22.0	31	34.5	726	3
Wyffels	W7108	STX	AC,P5V	111	235.2	20.3	2	37.2	729	2
Channel	211-24STXRIB	STX,B	AC,P5V	111	232.8	21.4	40	35.2	715	4
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	229.5	21.5	33	33.2	704	5
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	228.3	24.4	5	36.5	684	14
Lewis	R1513SS	STX,B	AC,P5V	113	228.2	21.5	25	33.9	700	7
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	228.0	23.7	52	33.9	687	12
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	227.7	22.7	30	35.2	692	10
Wyffels	W7158	STX	AC,P5V	111	227.4	20.9	11	33.9	701	6
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	227.3	24.4	10	35.8	681	16
Stone	6448RIB	STX,B	AC,P5V	114	226.8	24.5	28	35.2	679	17
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112	226.0	22.6	44	34.5	687	13
Renk	RK860VT3P	VT3P,B	AC,P2	111	225.7	20.8	36	34.5	696	8
Stone	6378RIB	STX,B	AC,P5V	113	224.9	21.9	39	33.9	688	11
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	223.1	20.0	41	34.5	693	9
Great Lakes	6462STXRIB	STX,B	AC,P5V	114	223.0	24.3	24	35.2	668	25
Channel	213-59STXRIB	STX,B	AC,P5V	113	222.1	22.0	46	34.5	679	18
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112	221.7	20.9	37	35.2	683	15
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	221.0	21.7	38	34.5	677	20
Beck	XL 6626AMX^	AMX,B	Es,P1V	114	220.8	25.2	18	35.8	657	30
LG Seeds	LG5612STX	STX	AC,P5V	112	220.7	22.2	26	34.5	673	22
Lewis	R1312SS	STX,B	AC,P5V	112	220.2	21.0	9	33.9	678	19
Stone	6148RIB	STX,B	AC,P5V	111	220.2	21.9	28	35.2	673	23
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112	218.6	20.5	21	35.8	676	21
Wyffels	W7448	STX	AC,P5V	112	218.0	21.7	40	36.5	668	26
Renk	RK898SSTX	STX	AC,P2	113	217.3	22.3	1	35.8	662	28
Stone	6258RIB	STX,B	AC,P5V	112	214.4	20.7	18	33.9	662	29
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	213.6	19.4	65	34.5	666	27
Spectrum	6241	None	CM,C2,St	112	203.8	24.9	29	33.2	673	24
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	208.5	19.9	75	33.9	648	39
Test Average =					213.9	22.9	30	34.7	652	
LSD (0.10) =					15.7	1.3	27			
LSD (0.25) =					11.0	0.9	19			
C.V. =					5.4	4.1				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.23}{\$3.55}$ Local GMO non-GMO

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6442STXRIB	STX,B	AC,P5V	109	Steyer	10803GENSS RIB	STX,B	CM,C2	108
AgriGold	A6462STX	STX	AC,P5V	110	Steyer	10904GENSSRIB	STX,B	CM,C2	109
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	Steyer	11004GENSS RIB	STX,B	CM,C2	110
Augusta	A4461VT2Pro	VT2P	AC,P2	111	Stine	R9631VT3Pro	VT3P,B	AC,P2	109
Augusta	A5658GT3000	3000GT	CM,C2	108	Stine	R9632SS	STX,B	AC,P2	107
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Wyffels	W4968	STX	AC,P5V	107
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Wyffels	W5138RIB	STX,B	AC,P5V	108
Channel	209-53STXRIB	STX,B	AC,P5V	109	Wyffels	W5448	STX	AC,P5V	108
Channel	210-95STXRIB	STX,B	AC,P5V	110	Wyffels	W6628RIB	STX,B	AC,P5V	110
Dairyland	DS9307SSX	STX	CM,C2	107					
Dairyland	DS9610	3000GT	CM,C2	110					
Dekalb	DKC57-92RIB GC	STX,B	AC,P5V	107					
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110					
Dyna-Gro	D48SS38	STX	AC,P5V	108					
Dyna-Gro	D50SS43	STX	AC,P5V	111					
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V	109					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	6068STXRIB	STX,B	AC,P5V	110					
Withdrawn	IN-58PM36	None	CM,C2	107					
Lewis	R1407SS	STX,B	AC,P5V	107					
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110					
LG Seeds	LG5603STX	STX	AC,P5V	110					
Mycogen	2A626	STX	CM,C2	107					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	X13665VX	VT3P	AC,P5V	108					
NuTech/G2 Gen	5D-109^	AMX,B	MQ,P5V	109					
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109					
Pfister	2447SS	STX	AC,P5	106					
Pfister	2545SS	STX	AC,P5	107					
Pfister	2565VT3Pro	VT3P	AC,P5	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pioneer	35K01 GC	RR2	MQ,C2	106					
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108					
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,P1V	109					
Renk	RK712SSTX	STX	AC,P2	106					
Renk	RK752SSTX	STX,B	AC,P2	105					
Renk	RK791SSTX	STX,B	AC,P2	108					
Renk	RK834SSTX	STX	AC,P2	111					
Spectrum	5967	None	CM,C2,St	109					
Steyer	10703GENSS RIB	STX,B	CM,C2	107					

2014 Corn Grain - Illinois West Central [ILWC]



Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Renk	RK890SSTX	STX,B	AC,P2	113
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	Renk	RK898SSTX	STX	AC,P2	113
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	Renk	RK941SSTX	STX,B	AC,P2	114
Augusta	A4564GENSS	STX	AC,P5V	114	Spectrum	6241	None	CM,C2,St	112
Augusta	A5565VT2Pro	VT2P	CM,C1	115	Steyer	11103GENSS RIB	STX,B	CM,C2	111
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112	Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	Steyer	11304GENSS RIB	STX,B	CM,C2	113
Beck	XL 6626AMX^	AMX,B	Es,P1V	114	Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114
Channel	211-24STXRIB	STX,B	AC,P5V	111	Stine	R9739VT3Pro	VT3P,B	AC,P2	114
Channel	213-59STXRIB	STX,B	AC,P5V	113	Stine	R9741VT3Pro	VT3P,B	AC,P2	112
Dairyland	DS9111RA	STX,B	CM,C2	111	Stone	6148RIB	STX,B	AC,P5V	111
Dairyland	DS9311RA	STX,B	CM,C2	111	Stone	6258RIB	STX,B	AC,P5V	112
Dairyland	DS9314RA	STX,B	CM,C2	114	Stone	6378RIB	STX,B	AC,P5V	113
Dairyland	DS9713RA	STX,B	CM,C2	113	Stone	6448RIB	STX,B	AC,P5V	114
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	Wyffels	W7108	STX	AC,P5V	111
Dyna-Gro	D51SS54	STX	AC,P5V	111	Wyffels	W7158	STX	AC,P5V	111
Dyna-Gro	D52SS91	STX	AC,P5V	112	Wyffels	W7448	STX	AC,P5V	112
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	Wyffels	W7888RIB	STX,B	AC,P5V	114
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114					
Great Lakes	6261STX	STX	AC,P5V	112					
Great Lakes	6462STXRIB	STX,B	AC,P5V	114					
Withdrawn	IN-71PM50	None	CM,C2	114					
Withdrawn	IN-71T77	None	CM,C2	114					
Lewis	R1312SS	STX,B	AC,P5V	112					
Lewis	R1511SS	STX,B	AC,P5V	111					
Lewis	R1513SS	STX,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5612STX	STX	AC,P5V	112					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2C788	STX,B	CM,C2	114					
Mycogen	2C799	STX,B	CM,C2	114					
Mycogen	2V779	STX,B	CM,C2	113					
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	3366RA	STX,B	CM,C2	115					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108					
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112					
Renk	RK860VT3P	VT3P,B	AC,P2	111					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. 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®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
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)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Acceleron® 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® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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