

2015 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRDEN
Roger Ladage, Macoupin County, IL 62690



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

PREV. CROP/HERB: Soybean / Prefix, Roundup
SOIL DESCRIPTION: Virden silt loam, moderately drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.9 pH, 3.6% OM
PEST MANAGEMENT: Force, Lexar
FERTILITY - Applied N: 200 Fall
Applied N-P-K (units): 200-92-120
SEDED - RATE - ROW: May 4 36,600 /A 30" spacing
HARVESTED - STAND: Sep 21 34,500 /A

Early-Season Test

105 - 110 Day CRM
B2015ILWC01a

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
Great Heart	HT-7001VT3PRIB	VT3P,B	110	237.4	18.6	2	34.5	893	1
Dekalb	DKC58-06RIB GC	STX,B	108	228.7	18.4	0	33.9	861	2
Stone	5828RIB	STX,B	108	226.9	17.2	0	35.8	861	3
Dekalb	DKC60-67RIB GC	STX,B	110	225.0	17.9	3	33.2	850	4
LG Seeds	LG5548STXRIB	STX,B	109	224.0	18.4	0	35.8	843	5
NuTech/G2 Gen	5F-510^	AM,B	110	221.1	18.1	9	34.5	834	9
Titan Pro	TP 58-10 SS	STX	110	220.8	17.2	0	35.2	838	7
FS InVISION	FS 60ZX1 RIB	STX,B	110	220.5	18.5	6	33.9	830	11
Stine	R9635SS	STX,B	107	220.3	17.2	0	36.5	836	8
Great Lakes	5918STXRIB	STX,B	109	220.1	17.7	5	35.8	833	10
NuTech	5N-410	3000GT	110	220.0	18.2	1	34.5	829	13
Steyer	10904GENSSRIB	STX,B	109	219.7	18.4	10	33.2	827	16
Great Heart	HT-7037 3110VIP	3110	110	219.4	18.0	2	37.2	828	15
NuTech/G2 Gen	5F-709^	AM,B	109	219.1	17.6	6	32.5	829	14
Renk	RK776SSTX	STX,B	107	219.1	18.4	8	33.9	825	18
Dyna-Gro	D48SS38	STX	108	218.9	18.5	13	35.2	824	19
Renk	RK810SSTX	STX	109	218.8	17.3	0	35.8	830	12
Renk	RK791SSTX	STX,B	108	217.1	16.9	3	34.5	826	17
Great Heart	HT-7004 3000GT	3000GT	110	216.4	19.7	4	34.5	808	27
NuTech/G2 Gen	5Z-308^	OI	108	216.2	17.3	0	35.2	820	20
Wyffels	W5138RIB	STX,B	108	215.0	16.8	2	35.2	818	22
Pfister	X12546S2R4	STX,B	107	214.7	18.1	8	35.8	810	25
Steyer	11005GENSSRIB	STX,B	110	214.6	17.4	0	35.2	813	23
Axis	60R50	STX	110	214.5	17.3	9	34.5	813	24
Stine	9634 3000GT	3000GT	108	213.8	17.5	0	33.9	810	26
Renk	RK752SSTX	STX,B	108	213.6	15.7	0	34.5	819	21
NuTech	5N-607	3000GT	107	213.1	17.6	1	34.5	807	28
ProHarvest	6990Stax	STX	109	213.0	18.0	11	35.2	804	30
Great Heart	HT-6912SS	STX	109	212.8	17.5	6	35.8	806	29
Augusta	A5658	None	108	208.4	16.9	3	34.5	840	6
Pioneer	P0945AMX CK	AMX,AQ,B	109	177.7	16.5	32	33.2	677	63
Averages =				209.1	17.3	5	34.5	794	
LSD (0.10) =				13.8	0.5	8			
LSD (0.25) =				9.6	0.4	6			
C.V. =				4.9	2.2				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.85; non-GMO = \$4.08

Test Comments: Roger said, "An early July T-Storm root lodged some of my corn before it tasseled." Root lodged corn was found in and surrounding the tests but fortunately, not severe. Ears on these plants were about half the usual size. May & June were very wet, but late July through harvest was very dry causing rapid drydown. Stalk rot was evident. Ear development was good with most ears filled to the tip.

† 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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PEST MANAGEMENT: Force, Lexar
FERTILITY - Applied N: 200 Fall
Applied N-P-K (units): 200-92-120
SEDED - RATE - ROW: May 4 36,600 /A 30" spacing
HARVESTED - STAND: Sep 21 35,200 /A

Full-Season Test
111 - 114 Day CRM
B2015ILWC01b

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
Beck	Phoenix 5832A3^	3011A	112	235.6	19.0	2	34.5	884	1
Pfister	2770RA	STX,B	113	233.3	21.9	3	36.5	858	6
Great Heart	HT-7150SSRIB	STX,B	111	233.2	19.5	0	35.8	872	2
Steyer	11208VT3PRO RIB	VT3P,B	112	230.6	18.8	3	35.2	866	3
Dyna-Gro	D51SS54	STX	111	230.4	18.9	0	37.2	865	4
NuTech	5N-914	3000GT	114	230.2	21.4	1	36.5	849	12
Dekalb	DKC64-87RIB GC	STX,B	114	229.3	19.1	6	36.5	859	5
Augusta	A5063VT2Pro	VT2P	113	228.7	19.7	9	33.9	854	10
Renk	RK935SSTX	STX,B	114	228.4	19.8	14	36.5	852	11
Great Lakes	6185STXRIB	STX,B	111	228.1	18.9	0	36.5	856	7
LG Seeds	LG5622STXRIB	STX,B	113	227.9	19.0	2	35.8	855	9
Stone	6378RIB	STX,B	113	227.8	18.7	0	33.9	856	8
Stone	6448RIB	STX,B	114	227.8	21.5	0	36.5	840	14
Pfister	3366RA	STX,B	112	226.6	21.3	0	35.8	837	15
Wyffels	W7158RIB	STX,B	111	225.3	18.5	0	33.9	848	13
Wyffels	W7888RIB	STX,B	114	224.4	19.8	1	34.5	837	16
Dyna-Gro	D52SS91	STX	112	223.9	20.0	2	33.9	834	18
Dairyland	DS9412RA	STX,B	112	222.0	20.5	7	35.2	824	23
Stine	R9808EVT3Pro	VT3P,B	114	222.0	21.3	5	33.2	820	25
Dekalb	DKC62-08RIB GC	STX,B	112	221.4	19.8	0	33.9	826	20
ProHarvest	8074Stax	STX	110	221.1	17.9	1	35.8	835	17
Great Heart	HT-7381VT2P	VT2P	113	220.1	19.9	11	35.8	820	26
LG Seeds	LG5618STXRIB	STX,B	112	219.4	19.5	2	36.5	820	27
Dekalb	DKC62-97RIB GC	VT3P,B	112	219.2	18.2	7	35.8	826	21
Wyffels	W7108RIB	STX,B	111	217.9	17.9	3	35.2	823	24
Pioneer	P1311AMXT GC	AMXT,B	113	217.0	18.9	0	34.5	814	29
FS InVISION	FS 61SX1 RIB	STX,B	111	216.7	18.7	0	37.2	814	30
Titan Pro	TP 55-11 2P	VT2P	111	215.3	17.5	3	34.5	815	28
Augusta	A007	None	115	208.8	20.0	5	34.5	826	22
Augusta	A5062	None	112	207.9	19.1	8	35.2	827	19
Pioneer	P0945AMX CK	AMX,AQ,B	109	178.8	17.4	5	33.9	678	62
Averages =				213.5	19.3	4	35.2	801	
LSD (0.10) =				16.0	0.7	8			
LSD (0.25) =				11.2	0.5	6			
C.V. =				5.5	2.5				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.85; non-GMO = \$4.08

Test Comments: Roger said, "An early July T-Storm root lodged some of my corn before it tasseled." Root lodged corn was found in and surrounding the tests but fortunately, not severe. Ears on these plants were about half the usual size. May & June were very wet, but late July through harvest was very dry causing rapid drydown. Stalk rot was evident. Ear development was good with most ears filled to the tip.

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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	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Axis	57H55RIB	STX,B	AC,P5V	107	Steyer	10904GENSSRIB	STX,B	CM,C2	109
Axis	60R50	STX	AC,P5V	110	Steyer	11004GENSS RIB	STX,B	CM,C2	110
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Stine	9634 3000GT	3000GT	CM,C2	108
Dairyland	DS9307RA	STX,B	CM,C5,Vi,In	107	Stine	R9632SS	STX,B	AC,P2	107
Dairyland	DS9409RA	STX,B	CM,C5,Vi,In	109	Stine	R9633VT3Pro	VT3P,B	AC,P2	108
Dairyland	DS9508RA	STX,B	CM,C2	108	Stine	R9635SS	STX,B	AC,P2	107
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	Stone	5828RIB	STX,B	AC,P5V	108
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Stone	5938RIB	STX,B	AC,P5V	109
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Titan Pro	2M07-SS	STX,B	AC,P5V	107
Dyna-Gro	D48SS38	STX	AC,P5V	108	Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	Titan Pro	TP 58-10 SS	STX	AC,P5V	110
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	Titan Pro	TP 59-08 SS	STX	AC,P5V	108
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	LG5579VT3PRIB	VT3P,B	AC,P5V	109					
NuTech	5N-410	3000GT	MQ,P5V	110					
NuTech	5N-607	3000GT	MQ,P5V	107					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
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	P0993HR GC	HX,RR2	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					

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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	A5062	None	AC,P2	112	Steyer	11103GENSS RIB	STX,B	CM,C2	111
Augusta	A5063VT2Pro	VT2P	AC,P5	113	Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112
Augusta	A5565	None	CM,C2	115	Steyer	11305VT2PRORIB	VT2P,B	CM,C2	113
Axis	62D51RIB	STX,B	AC,P5V	112	Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114
Axis	64T52RIB	STX,B	AC,P5V	114	Stine	9812SS	STX	AC,P2	115
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	Stine	R9739VT3Pro	VT3P,B	AC,P2	113
Beck	XL 6165^	OIX	Es,P1V	111	Stine	R9741VT3Pro	VT3P,B	AC,P2	112
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	Stine	R9808EVT3Pro	VT3P,B	AC,P2	114
Dairyland	DS9412RA	STX,B	CM,C5,Vi,In	112	Stone	6288RIB	STX,B	AC,P5V	112
Dairyland	DS9911	STX	CM,C5,Vi,In	111	Stone	6378RIB	STX,B	AC,P5V	113
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	Stone	6448RIB	STX,B	AC,P5V	114
Dekalb	DKC62-77RIB GC	STX,B	AC,P5V	112	Titan Pro	TP 55-11 2P	VT2P	AC,P2	111
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P2	112	Titan Pro	TP 57-13 SS	STX	AC,P5V	113
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dyna-Gro	D51SS54	STX	AC,P5V	111	Wyffels	W7158RIB	STX,B	AC,P5V	111
Dyna-Gro	D52SS91	STX	AC,P5V	112	Wyffels	W7246	VT2P	AC,P5V	111
FS InVISION	FS 61SX1 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					
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					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
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	P1311AMXT GC	AMXT,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.