

2015 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE

John (Don) Barttelbort, St. Clair County, IL 62224



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

PREV. CROP/HERB: Soybean / Touchdown, Synchrony, Touchdown
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Princep, Bicep II Magnum, Lumax, Warrior, Lexar
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-0-0
 SEEDING - RATE - ROW: Jun 11 38,700 /A 30" spacing
 HARVESTED - STAND: Oct 13 37,200 /A

Early-Season Test

107 - 112 Day CRM

B2015ILSO24a

Top 30 of 56

For Gross Income (Sorted by Yield)

Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Stand	Gross Income	
				Bu/A	%	%	(x 1000)	\$/Acre	Rank
FS InVISION	FS 61SX1 RIB	STX,B	111	198.9	17.6	4	38.8	763	1
Stone	5822RIB	VT2P,B	108	194.8	15.7	10	37.3	756	2
LG Seeds	LG5548STXRIB	STX,B	109	194.2	17.2	0	38.3	747	3
Steyer	11208VT3PRO RIB	VT3P,B	112	191.4	16.8	0	37.8	738	5
Steyer	10904GENSSRIB	STX,B	109	185.0	18.5	0	38.3	705	6
Augusta	A5062	None	112	182.6	18.0	0	35.3	740	4
Dairyland	DS9412RA	STX,B	112	181.6	18.7	0	38.3	691	10
Dyna-Gro	D50VC43	VT2P	110	180.7	16.3	0	37.8	699	7
Great Heart	HT-6912SS	STX	109	179.3	15.8	0	36.8	696	8
Dekalb	DKC60-67RIB GC	STX,B	110	179.0	16.0	0	37.3	694	9
Beck	Phoenix 5832A3^	3011A	112	178.8	17.4	0	37.3	687	12
Stone	6288RIB	STX,B	112	178.7	16.9	1	37.8	688	11
Stone	5938RIB	STX,B	109	175.4	16.8	0	35.3	676	13
Seed Consultants	SC 11AQ15	3000GT	111	175.0	17.9	0	37.8	670	14
Wyffels	W7456	VT2P	112	174.9	19.2	2	37.8	664	19
Great Heart	HT-7261VT3PRIB	VT3P,B	112	172.7	18.1	0	36.8	660	22
Dekalb	DKC62-97RIB GC	VT3P,B	112	172.4	16.3	3	35.8	667	17
Wyffels	W7108RIB	STX,B	111	172.2	15.7	2	37.3	669	16
Pfister	X12546S2R4	STX,B	107	172.2	18.0	0	37.3	659	24
Pfister	67A1	HXT,RR2	107	171.9	14.3	0	38.3	670	15
Renk	RK791SSTX	STX,B	108	171.8	16.4	0	37.8	664	20
Dekalb	DKC57-75RIB GC	STX,B	107	171.3	15.8	1	37.3	665	18
NuTech/G2 Gen	5F-811AM^	AM,B	111	170.0	17.6	0	37.3	652	25
Pfister	2565SS	STX,B	108	169.9	15.7	13	36.3	660	23
Dairyland	DS9409RA	STX,B	109	169.8	15.2	4	37.3	661	21
Dyna-Gro	D52VC91	VT2P	112	167.8	15.8	22	37.8	651	26
Steyer	11210VT2PRORIB	VT2P,B	112	167.8	17.2	2	36.8	645	29
Stine	9634 3000GT	3000GT	108	167.7	17.4	6	37.3	644	30
Pioneer	P1197AMXT GC	AMXT,B	111	167.1	16.0	0	37.3	648	27
Seed Consultants	SC 10AQ96	3111	109	165.8	14.6	0	36.8	647	28
Pioneer	P1257AMXT CK	AMXT,B	112	146.4	16.0	6	38.8	567	55
Averages =				167.0	16.2	2	37.2	647	
LSD (0.10) =				9.6	0.5	8			
LSD (0.25) =				6.7	0.3	6			
C.V. =				4.9	2.5				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.90; non-GMO = \$4.13

Test Comments: *The wet spring delayed planting of this site. However, it's emergence was excellent. Later season drought reduced ear development. Leaf disease pressure (gray leaf spot) was high. Some hybrids died prematurely. Stalk rot was present. Plant heights ranged from 8 to 12 feet.*

† 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: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Princep, Bicep II Magnum, Lumax, Warrior, Lexar
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-0-0
 SEEDING - RATE - ROW: Jun 11 38,700 /A 30" spacing
 HARVESTED - STAND: Oct 13 37,800 /A

Full-Season Test

113 - 116 Day CRM
 B2015ILSO24b

Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Stand	Gross Income	
				Bu/A	%	%	(x 1000)	\$/Acre	Rank
Dekalb	DKC64-87RIB GC	STX,B	114	200.8	18.3	0	37.8	767	1
Pfister	73A1SS	STX	113	195.3	18.3	1	38.8	746	2
Stone	6362RIB	VT2P,B	113	191.8	17.1	0	37.8	738	3
FS InVISION	FS 66JV4 RIB	VT3P,B	116	184.9	19.1	0	37.3	702	6
LG Seeds	LG5618STXRIB	STX,B	112	183.8	17.7	0	38.8	704	5
Renk	RK935SSTX	STX,B	114	183.5	20.5	4	37.8	690	10
Pfister	2770RA	STX,B	113	183.4	19.9	2	37.3	693	8
Seed Consultants	SC 11AGT74	GT/CB/LL	116	182.0	20.5	5	38.3	685	11
Wyffels	W7888RIB	STX,B	114	181.4	17.5	0	38.8	696	7
Pfister	3366RA	STX,B	112	180.0	18.7	0	37.8	685	12
Dekalb	DKC63-33RIB GC	STX,B	113	178.1	15.4	0	37.8	693	9
Augusta	A007	None	115	175.3	17.9	7	37.8	711	4
Stine	R9808EVT3Pro	VT3P,B	114	174.7	17.9	0	36.8	669	14
Dekalb	DKC66-40RIB GC	STX,B	116	174.2	18.3	3	37.8	665	17
Dyna-Gro	D55VP77	VT3P	115	174.1	16.9	0	37.8	671	13
Seed Consultants	SC 11AGT43	GT/CB/LL	114	173.7	17.8	19	37.8	665	18
Beck	XL 6365AM^	AM,B	113	173.0	16.9	0	38.3	666	16
Great Heart	HT-7381VT2P	VT2P	113	172.6	18.9	0	38.3	656	19
Steyer	11305VT2PRORIB	VT2P,B	113	171.8	15.8	0	37.3	667	15
Augusta	A5063VT2Pro	VT2P	113	171.7	18.9	0	35.8	653	20
Steyer	11604VT2PRIB	VT2P,B	116	170.7	20.9	0	36.8	641	26
Steyer	11504GENSSRIB	STX,B	115	169.5	18.0	0	38.8	648	21
Beck	6948A3	3000GT	115	169.5	18.1	0	38.8	648	22
FS InVISION	FS 63SX1 RIB	STX,B	113	168.5	17.5	0	38.3	647	24
NuTech/G2 Gen	5F-713^	AM,B	113	168.1	16.7	0	38.3	648	23
FS InVISION	FS 65SV4 RIB	VT3P,B	115	167.3	16.5	0	37.8	646	25
Renk	RK941SSTX	STX,B	114	165.5	17.3	0	37.3	636	27
Wyffels	W7806RIB	VT2P,B	113	165.2	17.8	0	38.8	633	30
Seed Consultants	SCS 1131AM^	AM,B	113	163.7	16.2	3	37.3	634	28
Stine	R9739VT3Pro	VT3P,B	113	163.1	15.6	1	36.8	634	29
Pioneer	P1257AMXT CK	AMXT,B	112	157.6	15.8	0	37.8	611	35
Averages =				167.5	17.4	1	37.8	644	
LSD (0.10) =				11.4	0.6	6			
LSD (0.25) =				8.0	0.4	4			
C.V. =				5.8	3.1				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.90; non-GMO = \$4.13

Test Comments: *The wet spring delayed planting of this site. However, it's emergence was excellent. Later season drought reduced ear development. Leaf disease pressure (gray leaf spot) was high. Some hybrids died prematurely. Stalk rot was present. Plant heights ranged from 8 to 12 feet.*

† 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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Early-Season Test Products (56 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4959GT3110	3110	AVC,C5	109	Stine	9634 3000GT	3000GT	CM,C2	108
Augusta	A5062	None	AC,P2	112	Stine	R9632SS	STX,B	AC,P2	107
Augusta	A5658	None	CM,C2	108	Stine	R9633VT3Pro	VT3P,B	AC,P2	108
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	Stine	R9635SS	STX,B	AC,P2	107
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	Stone	5822RIB	VT2P,B	AC,P5V	108
Beck	XL 6158AM^	AM,B	Es,P1V	111	Stone	5938RIB	STX,B	AC,P5V	109
Dairyland	DS9409RA	STX,B	CM,C5,Vi,In	109	Stone	6288RIB	STX,B	AC,P5V	112
Dairyland	DS9412RA	STX,B	CM,C5,Vi,In	112	Wyffels	W6818	STX	AC,P5V	110
Dairyland	DS9911	STX	CM,C5,Vi,In	111	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	Wyffels	W7246	VT2P	AC,P5V	111
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Wyffels	W7456	VT2P	AC,P5V	112
Dekalb	DKC62-77RIB GC	STX,B	AC,P5V	112					
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P2	112					
Dyna-Gro	D50VC43	VT2P	AC,P5V	110					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Great Heart	HT-6912SS	STX	AC,P5V	109					
Great Heart	HT-7261VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
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					
Pfister	X14677S2	STX	AC,P5V	112					
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,C2	109					
Pioneer	P0993HR GC	HX,RR2	MQ,P1V	109					
Pioneer	P1197AMXT GC	AMXT,B	MQ,P1V	111					
Pioneer	P1257AMXT CK	AMXT,B	MQ,P1V	112					
Renk	RK791SSTX	STX,B	AC,P5V	108					
Renk	RK834SSTX	STX,B	AC,P5V	111					
Renk	RK871VT2P	VT2P	AC,P2	111					
Seed Consultants SC	10AQ96	3111	AVC,C2,Vi	109					
Seed Consultants SC	11AQ15	3000GT	MQ,P5V	111					
Seed Consultants SCS	1085AM^	AM,B	MQ,P5V,R	108					
Seed Consultants SCS	1125AM^	AM,B	MQ,P5V,R	112					
Steyer	10904GENSSRIB	STX,B	CM,C2	109					
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112					
Steyer	11210VT2PRORIB	VT2P,B	CM,C2	112					

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Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A007	None	CE,C2	115	Wyffels	W7806RIB	VT2P,B	AC,P5V	113
Augusta	A5063VT2Pro	VT2P	AC,P5	113	Wyffels	W7888RIB	STX,B	AC,P5V	114
Augusta	A5565	None	CM,C2	115	Wyffels	W8376RIB	VT2P,B	AC,P5V	115
Beck	6948A3	3000GT	Es,P1V	115					
Beck	XL 6365AM^	AM,B	Es,P1V	113					
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Dekalb	DKC66-40RIB GC	STX,B	AC,P5V	116					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Great Heart	HT-7381VT2P	VT2P	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					
LG Seeds	LG5638VT2PRIB	VT2P,B	AC,P5V	114					
NuTech	5N-914	3000GT	MQ,P5V	114					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-015^	OI	MQ,P1V	115					
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	X14730VH	HXT,RR2	CM,C1	113					
Pioneer	P1257AMXT CK	AMXT,B	MQ,P1V	112					
Pioneer	P1311AMXT GC	AMXT,B	MQ,P1V	113					
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Seed Consultants	SC 11AGT43	GT/CB/LL	MQ,P1V	114					
Seed Consultants	SC 11AGT74	GT/CB/LL	MQ,P1V	116					
Seed Consultants	SCS 1131AM^	AM,B	MQ,C2,R	113					
Seed Consultants	SCS 11HR63^	HX,RR2	MQ,P1V	115					
Steyer	11305VT2PRORIB	VT2P,B	CM,C2	113					
Steyer	11504GENSSRIB	STX,B	CM,C2	115					
Steyer	11604VT2PRIB	VT2P,B	CM,C2	116					
Stine	9812SS	STX	AC,P2	115					
Stine	R9739VT3Pro	VT3P,B	AC,P2	113					
Stine	R9741VT3Pro	VT3P,B	AC,P2	112					
Stine	R9808EVT3Pro	VT3P,B	AC,P2	114					
Stone	6362RIB	VT2P,B	AC,P5V	113					
Stone	6612RIB	VT2P,B	AC,P5V	116					
Wyffels	W7736RIB	VT2P,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. 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.