

2014 Corn Grain Top 30 Harvest Report
 Illinois South [ILSO] BELLEVILLE
 John (Don) Barttelbort, St. Clair County, IL 62224



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: Touchdown, Radar, AAtrex, Lumax, AAtrex
 FERTILITY - Applied N: 160 Spring
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE - ROW: May 10 38,700 /A 30" spacing
 HARVESTED - STAND: Nov 10 34,400 /A

Early-Season Test
107 - 112 Day CRM
 B2014ILSO23a

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
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	262.5	14.9	0	34.5	979	2
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	260.3	14.6	1	34.5	971	3
Augusta	A5658GT3000	3000GT	CM,C2	108	257.3	14.4	1	34.5	960	4
Beck	XL 6175AM^	AM,B	Es,P1V	112	255.5	15.1	13	36.5	952	6
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	255.4	14.5	0	34.5	953	5
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112	254.3	14.6	0	33.2	949	7
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	253.8	14.8	2	35.8	947	8
Stone	6142RIB	VT2P,B	AC,P5V	111	253.4	14.6	0	34.5	945	9
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	251.9	14.8	1	34.5	940	11
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	250.6	14.5	0	33.9	935	12
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	250.6	14.5	3	35.2	935	13
Channel	210-93VT2PRIB	VT2P,B	AC,P5V	110	249.9	14.8	0	35.2	932	14
Wyffels	W7108	STX	AC,P5V	111	249.7	14.5	0	34.5	931	15
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112	249.7	14.6	2	34.5	931	16
Seed Consultants	SCS 1094AM-R^	AM-R,AQ,B	MQ,C2	109	248.9	14.7	5	36.5	928	17
Dairyland	DS9610	3000GT	CM,C2	110	248.3	14.5	0	34.5	926	18
Wyffels	W6626RIB	VT2P,B	AC,P5V	110	246.9	14.6	0	35.2	921	19
Spectrum	6241	None	CM,C2,St	112	245.9	14.8	0	35.2	1,008	1
Channel	209-51VT2PRIB	VT2P,B	AC,P5V	109	245.0	14.7	0	33.9	914	20
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	244.4	14.5	0	24.6	912	21
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	244.1	14.9	12	37.2	910	22
Pfister	3366RA	STX,B	CM,C2	115	243.8	14.6	5	35.8	909	23
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	241.7	14.3	0	33.9	902	24
LG Seeds	LG5612STX	STX	AC,P5V	112	240.5	14.5	0	31.9	897	26
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112	240.5	14.9	7	33.2	897	27
Seed Consultants	SC 11AQ15	3000GT	MQ,C5	112	239.3	14.7	20	35.2	893	28
Wyffels	W7158	STX	AC,P5V	111	239.1	14.3	2	34.5	892	29
Augusta	A4461VT2Pro	VT2P	AC,P2	111	238.9	14.4	0	35.2	891	30
Steyer	11004GENSS RIB	STX,B	CM,C2	110	237.5	14.5	0	35.8	886	31
Spectrum	5967	None	CM,C2,St	109	230.5	14.3	0	33.2	945	10
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	241.3	14.8	1	34.5	900	25
Test Average =					240.2	14.6	6	34.4	899	
LSD (0.10) =					13.6	0.2	13			
LSD (0.25) =					9.4	0.2	9			
C.V. =					4.2	1.1				

Eric Beyers

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

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.73}{\$4.10}$ Local GMO non-GMO

Test Comments: *Trials were planted into a good tilled seedbed which produced uniform emergence & stands. Lodging score consisted mostly of stalk rot, but a few hybrids displayed root rot and a small amount of green snapping had occurred. Leaf disease pressure was moderately high. Ears had excellent tip fill & good kernel quality. Kernel depth was good, but not the biggest for this group of hybrids.*

† 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: Touchdown, Radar, AAtrex, Lumax, AAtrex
 FERTILITY - Applied N: 160 Spring
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE - ROW: May 10 38,700 /A 30" spacing
 HARVESTED - STAND: Nov 10 34,600 /A

Full-Season Test
113 - 116 Day CRM
 B2014ILSO23b

Top 30 of 48
 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	263.4	14.7	1	34.5	982	1
Wyffels	W7888RIB	STX,B	AC,P5V	114	263.3	15.0	0	34.5	982	2
Steyer	11504VT2PR0 RIB	VT2P,B	CM,C2	115	258.6	14.5	4	34.5	965	3
Dyna-Gro	D56VC46	VT2P	AC,P5V	116	256.7	15.2	2	34.5	956	5
Channel	217-41DGVT2PRIB	VT2P,DG,B	AC,P5V	117	256.6	14.6	3	33.9	957	4
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116	255.8	15.1	7	32.5	953	6
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	255.3	14.7	0	36.5	952	7
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115	252.8	14.8	3	34.5	943	8
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	251.8	14.6	0	35.8	939	9
Stone	6612RIB	VT2P,B	AC,P5V	116	250.7	14.9	0	35.2	935	11
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	250.4	14.6	11	33.9	934	12
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	249.9	14.5	3	37.8	932	13
Wyffels	W7806RIB	VT2P,B	AC,P5V	113	249.6	15.0	0	32.5	931	14
Stone	6362RIB	VT2P,B	AC,P5V	113	248.6	14.4	18	35.2	927	15
AgriGold	A6659VT3PRIB	VT3P,B	AC,P5V	116	248.1	15.1	0	35.2	925	16
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	247.6	14.8	0	35.2	924	17
Beck	XL 6626AM^	AM,B	Es,P1V	114	247.6	14.9	3	35.8	924	18
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	247.2	14.9	0	33.9	922	19
Stone	6432RIB	VT2P,B	AC,P5V	114	246.4	15.1	0	35.2	918	20
LG Seeds	LG5622STX	STX	AC,P5V	113	245.4	14.9	0	33.9	915	21
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	244.9	14.8	16	29.9	913	22
Pfister	2874RR	RR2	CM,C2	113	244.2	14.8	23	35.8	911	23
Wyffels	W8377	VT3P	AC,P5V	115	243.5	14.6	3	34.5	908	24
Dyna-Gro	D53VC13	VT2P	AC,P5V	113	243.4	14.8	5	35.8	908	25
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	243.4	14.7	19	33.9	908	26
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	243.3	15.0	0	33.2	908	27
Pfister	3488HR	HX,RR2	CM,C2	115	242.9	15.3	0	35.8	904	28
Channel	213-57VT2PRIB	VT2P,B	AC,P5V	113	241.9	14.5	3	35.2	902	29
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	241.0	14.7	0	35.8	899	30
Stine	R9808EVT3Pro	VT3P,B	AC,P2	114	240.8	15.0	2	33.9	898	31
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	250.8	14.8	0	35.8	935	10
Test Average =					243.7	14.9	6	34.6	909	
LSD (0.10) =					16.1	0.2	13			
LSD (0.25) =					11.2	0.2	9			
C.V. =					4.9	1.1				

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2014 Corn Grain - Illinois South [ILSO]



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	11208VT3PRO RIB	VT3P,B	CM,C2	112
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	Stine	R9631VT3Pro	VT3P,B	AC,P2	109
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Stine	R9632SS	STX,B	AC,P2	107
Augusta	A4461VT2Pro	VT2P	AC,P2	111	Stone	6052RIB	VT2P,B	AC,P5V	110
Augusta	A5658GT3000	3000GT	CM,C2	108	Stone	6142RIB	VT2P,B	AC,P5V	111
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	Wyffels	W6626RIB	VT2P,B	AC,P5V	110
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	Wyffels	W7108	STX	AC,P5V	111
Beck	XL 6175AM^	AM,B	Es,P1V	112	Wyffels	W7158	STX	AC,P5V	111
Channel	209-51VT2PRIB	VT2P,B	AC,P5V	109	Wyffels	W7448	STX	AC,P5V	112
Channel	210-93VT2PRIB	VT2P,B	AC,P5V	110					
Dairyland	DS9111RA	STX,B	CM,C2	111					
Dairyland	DS9212RA	STX,B	CM,C2	112					
Dairyland	DS9311RA	STX,B	CM,C2	111					
Dairyland	DS9610	3000GT	CM,C2	110					
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110					
Dekalb	DKC61-88 GC	VT3P	AC,P2	111					
Dyna-Gro	D50VC43	VT2P	AC,P5V	110					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V	109					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Great Heart	HT-6930VT2P	VT2P	AC,P5V	109					
Great Heart	HT-7150VT2PRIB	VT2P,B	AC,P5V	111					
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5612STX	STX	AC,P5V	112					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
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	X5Z-1209^	OI	MQ,P1V,R	112					
Pfister	2565VT3Pro	VT3P	AC,P5	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	3366RA	STX,B	CM,C2	115					
Pioneer	P0832AMRW GC	AMRW,B	MQ,P1V,R	108					
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,P1V	109					
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112					
Seed Consultants	SC 11AQ15	3000GT	MQ,C5	112					
Seed Consultants	SCS 1094AM-R^	AM-R,AQ,B	MQ,C2	109					
Spectrum	5967	None	CM,C2,St	109					
Spectrum	6241	None	CM,C2,St	112					
Steyer	11004GENSS RIB	STX,B	CM,C2	110					
Steyer	11103GENSS RIB	STX,B	CM,C2	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.