

2014 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] VANDALIA
 Ronnie Sloan, Fayette County, IL 62557



PREV. CROP/HERB: Soybean / Warrant, Roundup
 SOIL DESCRIPTION: Virden silty clay loam, moderately drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.2 pH, 3.1% OM
 PEST MANAGEMENT: Impact, Brawl ATZ
 FERTILITY - Applied N: 188 Spring
 Applied N-P-K (units): 188-88-120
 SEEDED - RATE - ROW: May 10 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 14 30,600 /A

Early-Season Test
107 - 112 Day CRM
 B2014ILSO24a

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
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	251.2	15.8	0	33.9	932	1
Channel	209-51VT2PRIB	VT2P,B	AC,P5V	109	247.8	15.3	0	30.6	922	3
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	244.4	14.9	0	33.9	912	5
Wyffels	W6626RIB	VT2P,B	AC,P5V	110	240.9	14.8	0	32.6	899	6
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	240.0	15.8	0	30.6	890	8
Channel	210-93VT2PRIB	VT2P,B	AC,P5V	110	239.9	14.7	0	30.6	895	7
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	238.6	16.0	0	30.9	884	10
Augusta	A5658GT3000	3000GT	CM,C2	108	237.3	15.0	0	29.5	885	9
Stone	6142RIB	VT2P,B	AC,P5V	111	237.2	15.2	0	33.9	884	11
Wyffels	W7158	STX	AC,P5V	111	236.7	14.8	0	31.2	883	12
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	235.6	15.3	0	32.6	877	13
LG Seeds	LG5612STX	STX	AC,P5V	112	234.0	15.1	0	35.8	872	14
Seed Consultants	SC 11AQ15	3000GT	MQ,C5	112	232.4	16.7	0	33.2	857	17
Beck	XL 6175AM^	AM,B	Es,P1V	112	231.2	15.6	3	30.6	859	16
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	230.8	15.2	0	33.9	860	15
Augusta	A4461VT2Pro	VT2P	AC,P2	111	229.9	15.1	0	31.2	857	18
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,P1V	109	229.8	14.7	0	32.6	857	19
Dekalb	DKC61-88 GC	VT3P	AC,P2	111	227.6	14.6	0	31.2	849	20
Spectrum	6241	None	CM,C2,St	112	227.4	16.0	0	31.2	927	2
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	225.8	14.9	0	31.9	842	21
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112	225.0	15.2	0	30.6	838	22
Dairyland	DS9610	3000GT	CM,C2	110	224.2	15.2	0	32.5	835	23
Spectrum	5967	None	CM,C2,St	109	224.1	14.8	0	29.9	919	4
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112	223.4	14.8	0	31.6	833	25
Pfister	2574RA	STX,B	CM,C2	110	222.3	14.7	0	31.2	829	26
Stone	6052RIB	VT2P,B	AC,P5V	110	222.3	14.9	0	35.8	829	27
Stine	R9632SS	STX,B	AC,P2	107	222.0	14.6	0	27.2	828	28
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	221.8	15.2	0	29.6	826	29
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	221.5	14.9	0	34.5	826	30
Dairyland	DS9111RA	STX,B	CM,C2	111	221.4	14.5	0	31.9	826	31
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	223.9	15.1	0	33.2	835	24
Test Average =					223.1	15.1	1	30.6	834	
LSD (0.10) =					16.9	0.3	7			
LSD (0.25) =					11.8	0.2	5			
C.V. =					5.6	1.6				

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

Test Comments: *Planting conditions at this site were on the damp side. Numerous rains followed which perhaps contributed to lower final stands. Despite the lower stands, many hybrids flexed their ears up to a foot in length! Ear tip fill was excellent along with kernel depth at 1/2 inch. Foliar disease pressure (gray leaf spot) was moderately high and still visible at harvest. Plants ranged in height from 8-11 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, 6.2 pH, 3.1% OM
 PEST MANAGEMENT: Impact, Brawl ATZ
 FERTILITY - Applied N: 188 Spring
 Applied N-P-K (units): 188-88-120
 SEEDED - RATE - ROW: May 10 34,000 /A 30" spacing
 HARVESTED - STAND: Nov 14 29,600 /A

Full-Season Test
113 - 116 Day CRM
 B2014ILSO24b

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
Augusta	A4564GENSS	STX	AC,P5V	114	247.4	16.3	0	31.2	915	1
Beck	6347	GT	Es,P1V	113	241.3	15.8	0	31.2	895	2
Wyffels	W7888RIB	STX,B	AC,P5V	114	239.1	16.0	0	31.2	886	3
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	236.9	16.2	0	31.9	877	4
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	235.8	15.4	0	33.9	877	5
Dyna-Gro	D56VC46	VT2P	AC,P5V	116	234.1	16.7	0	31.2	863	8
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	233.5	16.3	0	33.2	863	9
Channel	213-57VT2PRIB	VT2P,B	AC,P5V	113	233.0	15.2	0	30.2	868	6
Channel	217-41DGV2PRIB	VT2P,DG,B	AC,P5V	117	232.7	16.3	0	29.2	860	11
LG Seeds	LG5622STX	STX	AC,P5V	113	232.5	15.2	0	32.5	866	7
Stone	6362RIB	VT2P,B	AC,P5V	113	232.2	16.1	3	31.9	860	12
Steyer	11504VT2PR0 RIB	VT2P,B	CM,C2	115	231.6	15.2	0	32.5	863	10
Pfister	2874RR	RR2	CM,C2	113	231.0	15.9	0	31.2	856	13
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	229.2	16.4	0	29.2	847	14
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	228.1	16.0	0	33.2	845	16
Wyffels	W8377	VT3P	AC,P5V	115	228.0	15.7	0	26.9	846	15
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	227.3	15.6	0	31.2	844	17
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115	227.2	16.0	0	26.9	842	18
Seed Consultants	SCS 1131AM-R^	AM-R,B	MQ,C2	113	226.5	15.9	3	31.2	840	19
Seed Consultants	SC 11AQ35	3000GT	MQ,C2	113	223.5	15.9	0	30.2	829	20
Beck	XL 6626AM^	AM,B	Es,P1V	114	222.5	16.2	3	32.5	823	21
AgriGold	A6659VT3PRIB	VT3P,B	AC,P5V	116	220.8	16.8	0	30.5	814	24
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	220.6	15.5	5	25.9	820	22
Dyna-Gro	D53VC13	VT2P	AC,P5V	113	219.4	15.5	0	25.6	816	23
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	219.1	16.1	0	26.2	811	25
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114	218.6	16.2	0	28.5	809	27
Seed Consultants	SC 11AGT43	GT/CB/LL	MQ,P1V	114	218.2	16.2	0	34.5	807	28
Stine	R9741VT3Pro	VT3P,B	AC,P2	112	217.9	15.3	0	24.6	811	26
Dairyland	DS9713RA	STX,B	CM,C2	113	217.4	15.9	0	23.9	806	30
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	216.3	14.8	0	32.9	807	29
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	214.1	15.4	0	33.9	796	33
Test Average =					220.6	16.0	0	29.6	817	
LSD (0.10) =					16.4	0.5	3			
LSD (0.25) =					11.4	0.3	2			
C.V. =					5.5	2.1				

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: *Planting conditions at this site were on the damp side. Numerous rains followed which perhaps contributed to lower final stands. Despite the lower stands, many hybrids flexed their ears up to a foot in length! Ear tip fill was excellent along with kernel depth at 1/2 inch. Foliar disease pressure (gray leaf spot) was moderately high and still visible at harvest. Plants ranged in height from 8-11 feet.*

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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	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® (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.