

2014 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM
Tom Beyers, Marion County, IL 62870



PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Hoyleton silty clay loam, mod. poor drained, conventional w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 7.1 pH, 2.8% OM
PEST MANAGEMENT: Force, Keystone, simazine, Impact, atrazine, Callisto, Option, atrazine
FERTILITY - Applied N: 160 Spring
Applied N-P-K (units): 160-0-0
SEEDING - RATE - ROW: May 24 27,700 /A 30" spacing
HARVESTED - STAND: Nov 13 25,900 /A

Early-Season Test
107 - 112 Day CRM
B2014ILSO26a

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
Stone	6142RIB	VT2P,B	AC,P5V	111	188.0	15.2	9	27.9	700	1
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	187.1	16.0	4	25.9	693	3
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	186.6	14.5	6	25.2	696	2
Channel	210-93VT2PRIB	VT2P,B	AC,P5V	110	182.6	14.7	6	26.6	681	4
Steyer	11103GENSS RIB	STX,B	CM,C2	111	182.5	16.2	10	26.6	675	7
Pfister	2565VT3Pro	VT3P	AC,P5	108	182.2	14.3	45	24.6	680	5
Pfister	3366RA	STX,B	CM,C2	115	182.1	15.4	17	23.2	677	6
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	179.3	15.7	19	23.9	666	8
Beck	XL 6175AM^	AM,B	Es,P1V	112	179.3	16.2	16	25.9	663	10
Dairyland	DS9610	3000GT	CM,C2	110	177.4	15.2	3	25.9	661	11
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	177.3	16.0	2	24.6	657	12
AgriGold	A6442STXRIB	STX,B	AC,P5V	109	176.1	14.6	7	27.2	657	13
Dekalb	DKC61-88 GC	VT3P	AC,P2	111	175.8	14.6	9	27.9	656	14
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	174.1	15.1	10	26.6	649	16
Augusta	A4461VT2Pro	VT2P	AC,P2	111	173.7	15.4	28	25.9	646	17
Stine	R9631VT3Pro	VT3P,B	AC,P2	109	173.6	15.3	5	25.2	646	18
Pfister	2574RA	STX,B	CM,C2	110	173.0	14.3	17	25.2	645	19
Pfister	2595RA	STX,B	CM,C2	111	172.7	14.3	1	24.6	644	20
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112	170.7	15.0	6	27.2	637	22
Wyffels	W7158	STX	AC,P5V	111	170.6	15.4	1	23.2	635	23
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	170.3	15.7	1	26.6	632	25
Great Heart	HT-7150VT2PRIB	VT2P,B	AC,P5V	111	170.1	14.9	1	25.2	634	24
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112	169.5	14.8	2	27.2	632	26
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	169.2	14.8	0	26.6	631	27
Augusta	A5658GT3000	3000GT	CM,C2	108	168.7	14.9	1	27.2	629	28
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	168.4	14.6	2	25.2	628	29
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	168.2	14.7	0	26.6	627	30
Wyffels	W6626RIB	VT2P,B	AC,P5V	110	167.7	14.6	3	27.2	626	31
Spectrum	6241	None	CM,C2,St	112	163.3	16.1	17	25.2	665	9
Spectrum	5967	None	CM,C2,St	109	158.6	14.3	9	25.2	650	15
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	172.0	15.3	0	27.9	640	21
Test Average =					165.5	15.0	10	25.9	618	
LSD (0.10) =					19.3	0.3	17			
LSD (0.25) =					13.4	0.2	12			
C.V. =					8.6	1.6				

Eric Beyers

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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: Tom reported that these test yields were comparable to many of his area fields. He also said temperatures reached the mid- to upper-90s the last 2 weeks in July, and several local rains were missed. These stressful conditions reduced overall ear size to 4-6" long at harvest. Ear tip fill and kernel depth were mostly good. Stalk rot was the major cause of lodging. Leaf disease pressure was moderate.

† 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, Keystone, simazine, Impact, atrazine, Callisto, Option, atrazine
FERTILITY - Applied N: 160 Spring
Applied N-P-K (units): 160-0-0
SEEDED - RATE - ROW: May 24 27,700 /A 30" spacing
HARVESTED - STAND: Nov 13 25,100 /A

Full-Season Test
113 - 116 Day CRM
B2014ILSO26b

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
Wyffels	W7806RIB	VT2P,B	AC,P5V	113	179.5	16.3	1	24.6	664	1
Stone	6612RIB	VT2P,B	AC,P5V	116	174.9	15.5	1	28.5	650	2
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	168.4	16.1	8	26.6	624	3
AgriGold	A6659VT3PRIB	VT3P,B	AC,P5V	116	168.3	17.0	16	25.9	619	5
Dyna-Gro	D56VC46	VT2P	AC,P5V	116	168.2	16.9	4	25.9	619	6
Channel	213-57VT2PRIB	VT2P,B	AC,P5V	113	167.0	15.7	3	24.6	620	4
Stone	6362RIB	VT2P,B	AC,P5V	113	167.0	16.0	2	27.9	619	7
Beck	6347	GT	Es,P1V	113	166.7	16.9	2	24.6	614	9
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	166.2	15.8	3	25.9	617	8
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	162.3	16.3	1	23.9	600	12
Dyna-Gro	D53VC13	VT2P	AC,P5V	113	162.0	15.4	2	27.2	603	10
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	161.9	15.5	1	25.2	602	11
Dairyland	DS9314RA	STX,B	CM,C2	114	161.8	16.0	3	25.2	599	13
Channel	217-41DGV2PRIB	VT2P,DG,B	AC,P5V	117	160.6	16.9	1	26.6	591	15
Stine	R9808EVT3Pro	VT3P,B	AC,P2	114	160.6	17.2	3	25.2	590	17
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	159.9	14.7	3	25.9	596	14
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	159.5	16.5	6	23.2	589	18
Steyer	11504VT2PR0 RIB	VT2P,B	CM,C2	115	159.1	15.6	2	24.6	591	16
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	158.1	15.5	18	24.6	588	19
Augusta	A5565VT2Pro	VT2P	CM,C1	115	157.7	16.2	12	24.6	583	20
LG Seeds	LG5622STX	STX	AC,P5V	113	157.0	15.7	1	24.6	583	21
Pfister	3497SS	STX	CM,C1	116	156.8	19.2	5	26.6	568	26
Wyffels	W8377	VT3P	AC,P5V	115	156.5	16.6	1	25.2	577	22
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	155.6	16.7	0	25.2	574	23
Wyffels	W7888RIB	STX,B	AC,P5V	114	154.8	16.2	1	25.9	573	25
Dairyland	DS9713RA	STX,B	CM,C2	113	154.2	15.2	6	25.9	574	24
Seed Consultants	SC 11AGT43	GT/CB/LL	MQ,P1V	114	153.0	16.6	0	24.6	565	27
Stone	6432RIB	VT2P,B	AC,P5V	114	152.5	15.9	3	23.9	565	28
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	150.9	14.9	3	23.9	563	29
Stine	R9741VT3Pro	VT3P,B	AC,P2	112	150.7	15.9	11	22.6	559	30
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	134.7	15.3	12	24.6	501	46
Test Average =					154.5	16.1	5	25.1	572	
LSD (0.10) =					19.4	0.5	12			
LSD (0.25) =					13.5	0.3	8			
C.V. =					9.2	2.1				

Eric Beyers

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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

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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					

2014 Corn Grain - Illinois South [ILSO]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	Wyffels	W7806RIB	VT2P,B	AC,P5V	113
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	Wyffels	W7888RIB	STX,B	AC,P5V	114
AgriGold	A6659VT3PRIB	VT3P,B	AC,P5V	116	Wyffels	W8377	VT3P	AC,P5V	115
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Beck	6347	GT	Es,P1V	113					
Beck	XL 6626AM^	AM,B	Es,P1V	114					
Channel	213-57VT2PRIB	VT2P,B	AC,P5V	113					
Channel	217-41DGV2PRIB	VT2P,DG,B	AC,P5V	117					
Dairyland	DS9314RA	STX,B	CM,C2	114					
Dairyland	DS9713RA	STX,B	CM,C2	113					
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Dyna-Gro	D53VC13	VT2P	AC,P5V	113					
Dyna-Gro	D56VC46	VT2P	AC,P5V	116					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5622STX	STX	AC,P5V	113					
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114					
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	2874RR	RR2	CM,C2	113					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pfister	3497SS	STX	CM,C1	116					
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112					
Pioneer	P1352AMXT GC	AMXT,AQ,B	MQ,P1V	113					
Seed Consultants	SC 11AGT43	GT/CB/LL	MQ,P1V	114					
Seed Consultants	SC 11AQ35	3000GT	MQ,C2	113					
Seed Consultants	SCS 1131AM-R^	AM-R,B	MQ,C2	113					
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114					
Steyer	11504VT2PRO RIB	VT2P,B	CM,C2	115					
Steyer	11604VT2PRIB	VT2P,B	CM,C2	116					
Stine	R9739VT3Pro	VT3P,B	AC,P2	114					
Stine	R9741VT3Pro	VT3P,B	AC,P2	112					
Stine	R9808EVT3Pro	VT3P,B	AC,P2	114					
Stone	6362RIB	VT2P,B	AC,P5V	113					
Stone	6432RIB	VT2P,B	AC,P5V	114					
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. 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® TRIsect® (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.