

2013 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SHUMWAY

David Soltwedel, Effingham County, IL 62461



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

PREV. CROP/HERB: Soybean / Stealth, Roundup PowerMax
 SOIL DESCRIPTION: Hoyleton-Cisne silt loam, mod. poor drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.1 pH, 2.1% OM
 PEST MANAGEMENT: Force, Lexar
 FERTILITY - Applied N: 36 Fall, 170 Spring
 Applied N-P-K (units): 206-92-120
 SEEDED - RATE - ROW: Jun 12 30,700 /A 30" spacing
 HARVESTED - STAND: Nov 13 29,900 /A

Early-Season Test

107 - 112 Day CRM

B2013ILSO26a

Top 30 of 60

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
Great Heart	HT-7150VT3P	VT3P	AC,P5	111	198.7	17.8	2	30.6	880	3
Channel	209-53STXRIB	STX,B	AC,P5V	109	197.0	17.7	1	29.9	873	5
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	196.9	16.3	2	29.2	880	4
Dairyland	DS9111SSX	STX	CM,C2	111	195.5	18.4	3	30.6	863	7
Beck	XL 5828AMX^	AMX,B	Es	109	194.8	16.8	1	29.2	868	6
Stone	6274RIB	VT2P,B	AC,P5V	112	193.0	17.9	2	31.9	855	8
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	191.3	18.2	2	29.9	846	9
Dairyland	DS9212SSX	STX	CM,C2	112	190.6	18.3	29	29.9	842	10
FS InVISION	FS 62MV4 RIB	VT3P,B	AC,P2,Z	112	189.0	18.0	5	28.6	836	11
Pfister	2574RA	STX,B	CM,C2	110	187.5	18.5	4	29.9	827	12
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	186.0	17.1	1	29.2	827	13
Steyer	11103GENSS RIB	STX,B	SStd	111	185.2	18.9	0	27.2	815	14
Spectrum	6241	None	AC,P5V	112	183.6	19.2	2	28.6	890	1
Wyffels	W7477RIB	VT3P,B	AC,P5V	112	181.7	18.0	1	30.6	804	15
Beck	Phoenix 5832A3^	3000GT	Es	112	181.5	18.7	5	30.6	800	18
Beck	XL 6272AM-R^	AM-R,B	Es	112	181.4	17.9	14	29.2	803	16
Spectrum	5967	None	AC,P5V	109	180.0	16.9	6	30.6	882	2
Seed Consultants	SCS 10HR94	HX,RR2	MQ,P1V	108	180.0	16.6	0	29.9	803	17
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	180.0	17.6	4	29.9	798	19
Pfister	2674RA	STX,B	CM,C2	112	178.2	18.6	39	27.9	786	22
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	177.9	16.3	0	31.2	795	20
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	177.7	18.8	8	30.6	783	26
Wyffels	W7718RIB	STX,B	AC,P5V	112	177.5	18.1	0	28.6	785	23
Steyer	11208VT3PRO RIB	VT3P,B	SStd	112	177.2	16.5	3	27.2	791	21
FS InVISION	FS 61JX1	STX	AC,P5V	111	176.7	19.4	0	28.6	776	28
Stone	6052RIB	VT2P,B	AC,P5V	110	176.3	17.1	6	31.2	784	24
Pfister	2595RA	STX,B	CM,C2	111	175.6	16.5	3	34.5	784	25
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	174.4	17.7	0	29.2	773	30
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	174.3	16.6	15	29.9	777	27
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	173.9	16.6	1	30.6	776	29
Pioneer	P1018AMX CK	AMX,B	MQ,P1V	110	165.9	17.1	4	30.6	738	46
Test Average =					174.4	17.4	7	29.9	777	
Eric Beyers					LSD (0.10) =	16.2	0.9	15		
ewbeye@hotmail.com, (217) 825-9072					C.V. =	6.9	3.9			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.50}{\$4.95}$ Local GMO non-GMO

Test Comments: Talking with David, he shared how happy he was with their overall good corn yields this year. He also noted that a few miles north of the trials, a small tornado green snapped one of their corn fields near Stewardson, IL. The trials had some green snap, making yields variable. Stalk rot caused most lodging. Plant height ranged from 10-12' tall. Grain quality, kernel set, and kernel depth was very good.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 11/14/2013 Revised:

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 PEST MANAGEMENT: Force, Lexar
 FERTILITY - Applied N: 36 Fall, 170 Spring
 Applied N-P-K (units): 206-92-120
 SEEDING - RATE - ROW: Jun 12 30,700 /A 30" spacing
 HARVESTED - STAND: Nov 13 30,300 /A

Full-Season Test
113 - 116 Day CRM
 B2013ILSO26b

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
Steyer	11304GENSS RIB	STX,B	SStd	113	198.2	18.2	7	29.2	876	1
Dairyland	DS9314SSX	STX	CM,C2	114	191.9	19.5	12	29.2	842	3
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	185.6	19.2	0	29.9	816	5
Pfister	2770RA	STX,B	CM,C2	113	185.6	20.2	1	31.2	811	7
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115	183.9	19.9	1	32.5	805	8
Pioneer	P1498CHR GC	OT	MQ,P1V	114	183.5	18.1	1	30.5	812	6
Steyer	11407VT3PRO RIB	VT3P,B	SStd	114	181.4	18.3	4	29.2	801	9
Wyffels	W7806RIB	VT2P,B	AC,P5V	113	180.4	19.8	0	29.2	790	11
Wyffels	W7888RIB	STX,B	AC,P5V	114	180.0	20.9	0	29.2	783	18
NuTech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	179.9	17.8	3	29.2	797	10
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	179.7	19.7	2	29.2	788	12
Seed Consultants	SCS 11HR63	HX,RR2	MQ,P1V	115	179.2	19.0	3	29.2	788	13
Beck	XL 6575HR^	HX,RR2	Es	115	178.7	19.1	2	32.5	786	15
Steyer	11504VT2PRO RIB	VT2P,B	SStd	114	178.6	19.0	0	27.2	786	16
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114	178.5	18.4	0	28.5	788	14
Steyer	11406	None	SStd	114	177.9	17.6	3	27.2	869	2
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	177.5	18.3	12	31.9	784	17
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	177.1	19.1	6	29.2	779	22
Dyna-Gro	D53VC13	VT2P	AC,P5V	113	176.8	18.9	25	32.5	778	23
Augusta	A4564GENSS	STX	M,D,P5	114	176.5	18.2	5	32.5	780	20
Stone	6614RIB	VT2P,B	AC,P5V	116	176.2	17.6	3	28.5	781	19
Seed Consultants	SCS 1131YHR	OI	MQ,P1V	113	175.1	18.1	0	27.2	774	24
LG Seeds	LG5618STX	STX	AC,P5V	113	175.1	19.5	0	29.2	768	26
Wyffels	W7737	VT3P	AC,P5V	113	174.3	18.4	0	28.5	770	25
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	173.3	18.7	0	30.5	764	27
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	173.1	19.3	11	29.9	760	29
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	172.9	18.7	5	31.2	762	28
NuTech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	171.6	17.8	1	31.9	760	30
Great Lakes	6354VT3PRIB	VT3P,B	AC,P5V	113	170.9	17.3	0	31.9	759	31
Spectrum	6515	None	CM,C2,St	115	169.9	18.1	0	30.5	828	4
Pioneer	P1018AMX CK	AMX,B	MQ,P1V	110	176.5	18.1	2	30.5	781	21
Test Average =					172.5	18.5	4	30.3	764	
Eric Beyers ewbeye@hotmail.com, (217) 825-9072					LSD (0.10) =	25.4	2.0	11		
					C.V. =	10.9	7.9			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.50}{\$4.95}$ Local GMO non-GMO

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† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	Seed Consultants	SCS 11HR21	HX,RR2	MQ,P1V	110
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	Spectrum	5967	None	AC,P5V	109
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	Spectrum	6241	None	AC,P5V	112
Augusta	A4658GT3110	3110	CE,C2	108	Steyer	11103GENSS RIB	STX,B	SSId	111
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	Steyer	11208VT3PRO RIB	VT3P,B	SSId	112
Beck	Phoenix 5832A3^	3000GT	Es	112	Steyer	11209VT2PRO RIB	VT2P,B	SSId	112
Beck	XL 5828AMX^	AMX,B	Es	109	Stine	9631VT3Pro	VT3P	CM,C2	109
Beck	XL 6175AMX^	AMX,B	Es	112	Stine	9632SS	STX	CM,C2	107
Beck	XL 6272AM-R^	AM-R,B	Es	112	Stine	9740VT3Pro	VT3P	CM,C2	110
Channel	209-53STXRIB	STX,B	AC,P5V	109	Stone	6052RIB	VT2P,B	AC,P5V	110
Channel	211-24STXRIB	STX,B	AC,P5V	111	Stone	6274RIB	VT2P,B	AC,P5V	112
Dairyland	DS9111SSX	STX	CM,C2	111	Wyffels	W6487RIB	VT3P,B	AC,P5V	110
Dairyland	DS9212SSX	STX	CM,C2	112	Wyffels	W6917RIB	VT3P,B	AC,P5V	111
Dairyland	DS9311SSX	STX	CM,C2	112	Wyffels	W7477RIB	VT3P,B	AC,P5V	112
Dekalb	DKC61-88RIB GC	VT3P,B	AC,P2	111	Wyffels	W7718RIB	STX,B	AC,P5V	112
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112					
Dyna-Gro	D51VP32	VT3P	AC,P5V	111					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109					
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110					
FS InVISION	FS 61JX1	STX	AC,P5V	111					
FS InVISION	FS 62MV4 RIB	VT3P,B	AC,P2,Z	112					
Great Heart	HT-7150VT3P	VT3P	AC,P5	111					
Great Heart	HT-7240VT3PRIB	VT3P,B	AC,P5	112					
Great Heart	HT-7261VT3PRIB	VT3P,B	AC,P5V	112					
Great Heart	HT-950VT3PRIB	VT3P,B	AC,P5	109					
Great Lakes	5939VT3PRIB	VT3P,B	AC,P5V	109					
Great Lakes	6087VT3PRIB	VT3P,B	AC,P5V	110					
Great Lakes	6232VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG2555VT3PRIB	VT3P,B	AC,P5V	110					
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111					
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111					
NuTech/G2 Gen	5H-610	HX,RR2	MQ,P1V,R	110					
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112					
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	2672RA	STX,B	CM,C2	112					
Pfister	2674RA	STX,B	CM,C2	112					
Pioneer	P1018AMX CK	AMX,B	MQ,P1V	110					
Pioneer	P1292AMX GC	AMX,B	MQ,P1V	112					
Seed Consultants	SC 11AQ03	3000GT	MQ,P1V	110					
Seed Consultants	SCS 1093AAHQ	OT	MQ,P1V	109					
Seed Consultants	SCS 10HR94	HX,RR2	MQ,P1V	108					

Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	Steyer	11504VT2PRO RIB	VT2P,B	SStd	114
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	Stine	R9739VT3Pro	VT3P,B	AC,P2	113
AgriGold	A6559VT2Pro	VT2P	AC,P5V	113	Stone	6364RIB	VT2P,B	AC,P5V	113
Augusta	A4564GENSS	STX	M,D,P5	114	Stone	6432RIB	VT2P,B	AC,P5V	114
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	Stone	6614RIB	VT2P,B	AC,P5V	116
Beck	Beck 6348A3	3000GT	Es	113	Wyffels	W7737	VT3P	AC,P5V	113
Beck	Phoenix 6542A4^	3111	Es	115	Wyffels	W7806RIB	VT2P,B	AC,P5V	113
Beck	XL 6575HR^	HX,RR2	Es	115	Wyffels	W7888RIB	STX,B	AC,P5V	114
Beck	XL 6626AM-R^	AM-R,B	Es	114	Wyffels	W8557	VT3P	AC,P5V	115
Channel	213-59STXRIB	STX,B	AC,P5V	113					
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115					
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115					
Dairyland	DS9314SSX	STX	CM,C2	114					
Dairyland	DS9614Q	HXT,RR2	CM,C2	114					
Dekalb	DKC63-84 GC	VT3	AC,P2	113					
Dekalb	DKC67-57 GC	VT3P	AC,P2	117					
Dyna-Gro	D53VC13	VT2P	AC,P5V	113					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113					
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116					
Great Lakes	6354VT3PRIB	VT3P,B	AC,P5V	113					
Great Lakes	6530VT3PRIB	VT3P,B	AC,P5V	115					
Great Lakes	6686VT3PRO	VT3P	AC,P5V	116					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5618STX	STX	AC,P5V	113					
NuTech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115					
NuTech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116					
NuTech/G2 Gen	5Z-113	OI	MQ,P1V,R	113					
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pioneer	P1018AMX CK	AMX,B	MQ,P1V	110					
Pioneer	P1395AMRW GC	AMRW,B	MQ,C2	113					
Pioneer	P1498CHR GC	OT	MQ,P1V	114					
Seed Consultants	SC 11AQ43	3000GT	MQ,P1V	114					
Seed Consultants	SCS 1131YHR	OI	MQ,P1V	113					
Seed Consultants	SCS 1133YHR	OI	MQ,P1V	113					
Seed Consultants	SCS 11HR63	HX,RR2	MQ,P1V	115					
Spectrum	6515	None	CM,C2,St	115					
Steyer	11304GENSS RIB	STX,B	SStd	113					
Steyer	11406	None	SStd	114					
Steyer	11407VT3PRO RIB	VT3P,B	SStd	114					

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 F.I.R.S.T. when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,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)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

** Seed treatments may include unspecified plant health promoting components.