

2014 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] PAXTON
Mike Short, Ford County, IL 60957



PREV. CROP/HERB: Soybean / Extreme, Salvo, Flexstar
SOIL DESCRIPTION: Elliott-Ashkum silty clay loam, mod. well drained, minimum w/ fall till, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.6 pH, 3.9% OM
PEST MANAGEMENT: Force, Corvus, atrazine
FERTILITY - Applied N: 27 Fall, 127 Spring, 40 Sidedress
Applied N-P-K (units): 194-69-90
SEED - RATE - ROW: May 5 38,700 /A 30" spacing
HARVESTED - STAND: Oct 7 28,600 /A

Early-Season Test
105 - 110 Day CRM
B2014ILEC14a

Top 30 of 54
For Gross Income (Sorted by Yield)
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	232.6	18.3	0	30.9	732	1
Channel	209-53STXRIB	STX,B	AC,P5V	109	222.4	18.6	0	32.9	698	2
Dairyland	DS9610	3000GT	CM,C2	110	220.8	18.6	0	30.9	693	3
Pioneer	P0945AMX GC	AMX,AQ,B	MQ,P1V	109	219.2	18.9	0	34.9	687	4
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	218.0	18.6	1	31.9	685	5
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	216.6	19.3	0	28.9	676	8
Renk	RK834SSTX	STX	AC,P2	111	216.0	21.0	0	26.9	665	13
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	215.1	18.6	0	26.9	675	10
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	215.0	18.1	0	30.4	678	6
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	214.6	18.0	0	32.4	677	7
Dairyland	DS9307SSX	STX	CM,C2	107	212.3	16.8	0	35.9	676	9
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	212.2	18.7	0	23.9	666	12
Wyffels	W6628RIB	STX,B	AC,P5V	110	210.7	19.9	0	29.4	655	16
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	210.1	17.7	0	27.4	664	14
Wyffels	W4968	STX	AC,P5V	107	209.4	16.7	0	30.4	667	11
Renk	RK752SSTX	STX,B	AC,P2	105	207.0	18.7	0	27.9	649	17
Steyer	10703GENSS RIB	STX,B	CM,C2	107	206.9	16.5	0	34.9	661	15
Mycogen	X13665VX	VT3P	AC,P5V	108	205.8	19.3	0	27.4	643	21
Steyer	11004GENSS RIB	STX,B	CM,C2	110	205.7	18.3	0	27.4	647	19
Wyffels	W5448	STX	AC,P5V	108	205.5	18.1	0	27.9	648	18
Steyer	10803GENSS RIB	STX,B	CM,C2	108	202.9	17.3	0	33.9	644	20
ProHarvest	8110StaxRIB	STX,B	AC,P5V	111	201.9	21.4	0	24.4	620	24
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	201.5	18.3	0	18.4	634	23
Pfister	2447SS	STX	AC,P5	106	199.6	16.6	0	29.4	637	22
Renk	RK776SSTX	STX,B	AC,P2	107	199.6	20.1	0	27.4	619	26
AgriGold	A6462STX	STX	AC,P5V	110	199.5	19.9	0	28.9	620	25
Augusta	A4461VT2Pro	VT2P	AC,P2	111	199.5	21.6	0	27.9	611	30
Great Heart	HT-6930VT2P	VT2P	AC,P5V	109	198.5	20.1	0	25.4	616	27
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	198.3	20.0	0	30.4	616	28
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	195.0	18.5	2	34.9	613	29
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	191.6	18.0	0	26.9	604	32
Test Average =					197.7	19.2	0	28.6	618	
LSD (0.10) =					30.5	2.0	ns			
LSD (0.25) =					21.2	1.4	ns			
C.V. =					9.2	6.3				

Eric Beyers

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Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = $\frac{\$3.23}{\$3.55}$	Local GMO
					non-GMO

Test Comments: Mike noted that 6" rain fell within hours of planting these tests. This excess rain reduced stands, especially in the early-season test with a different poorly drained soil than the full-season test. We removed 1 replication from the early-season test as population was 3,000 to 20,000 plants per acre. Abundant rains all season made low populated hybrids display excellent ear flex. Minor root lodging notes

† 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, Corvus, atrazine
 FERTILITY - Applied N: 27 Fall, 127 Spring, 40 Sidedress
 Applied N-P-K (units): 194-69-90
 SEEDED - RATE - ROW: May 5 38,700 /A 30" spacing
 HARVESTED - STAND: Oct 7 32,400 /A

Full-Season Test

111 - 114 Day CRM

B2014ILEC14b

Top 30 of 63

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
Dyna-Gro	D51SS54	STX	AC,P5V	111	226.7	19.2	0	31.9	708	1
Wyffels	W7158	STX	AC,P5V	111	225.3	19.6	0	35.8	702	2
Renk	RK860VT3P	VT3P,B	AC,P2	111	220.5	19.7	0	31.2	686	4
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	219.3	25.6	0	31.2	650	9
Great Lakes	6261STX	STX	AC,P5V	112	217.1	21.9	0	32.9	664	6
Channel	213-59STXRIB	STX,B	AC,P5V	113	216.1	24.7	0	34.2	646	10
Pfister	3366RA	STX,B	CM,C2	115	215.3	24.2	0	35.8	646	11
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	215.0	24.1	0	27.5	646	12
Stone	6258RIB	STX,B	AC,P5V	112	213.4	21.6	0	32.5	654	7
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112	213.0	19.2	0	34.5	666	5
Renk	RK890SSTX	STX,B	AC,P2	113	212.3	21.3	0	36.5	652	8
Wyffels	W7888RIB	STX,B	AC,P5V	114	210.0	24.3	0	35.2	629	16
Great Heart	HT-7150VT2PRIB	VT2P,B	AC,P5V	111	208.4	20.8	0	34.8	643	14
Sun Prairie	SP2708	STX,B	AC,P5V	112	208.4	23.5	0	28.2	629	17
Stone	6448RIB	STX,B	AC,P5V	114	206.9	22.3	0	33.5	631	15
Dyna-Gro	D51VP32	VT3P	AC,P5V	111	205.6	19.0	0	33.9	644	13
Great Heart	HT-7240VT2PRIB	VT2P,B	AC,P5V	112	205.6	22.3	3	28.2	627	18
Renk	RK898SSTX	STX	AC,P2	113	203.8	23.0	0	28.2	618	20
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	203.8	24.2	1	32.9	611	22
Channel	211-24STXRIB	STX,B	AC,P5V	111	202.3	21.2	0	31.5	622	19
Dairyland	DS9111RA	STX,B	CM,C2	111	200.4	21.6	0	32.2	614	21
ProHarvest	8244StaxRIB	STX,B	AC,P5V	112	200.4	25.4	0	30.9	595	29
Stine	R9739VT3Pro	VT3P,B	AC,P2	114	199.2	22.5	0	29.2	606	23
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	197.9	23.9	0	33.2	595	30
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	197.5	22.5	0	29.2	601	26
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	197.2	23.4	5	35.2	596	27
Wyffels	W7448	STX	AC,P5V	112	196.9	21.2	0	33.2	605	24
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112	196.0	22.6	2	29.9	596	28
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	193.0	18.9	7	31.5	605	25
Dairyland	DS9311RA	STX,B	CM,C2	111	192.5	21.4	0	34.5	591	31
Pioneer	P0832AMRW CK	AMRW,B	MQ,P1V,R	108	222.5	19.2	0	29.9	695	3
Test Average =					197.8	23.4	0	32.4	597	
LSD (0.10) =					21.6	2.0	3			
LSD (0.25) =					15.1	1.4	2			
C.V. =					8.1	6.4				

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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.