

2014 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] GENESEO
 Dan Wolf, Henry County, IL 61254



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Soybean / Sharpen, Outlook, Roundup, Cobra
 SOIL DESCRIPTION: Port Byron/Joy silt loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 3.2% OM
 PEST MANAGEMENT: Halex GT, Force
 FERTILITY - Applied N: 36 Fall, 153 Side, 50 Foliar
 Applied N-P-K (units): 239-112-120
 SEEDING - RATE - ROW: May 10 37,500 /A 30" spacing
 HARVESTED - STAND: Nov 5 32,600 /A

Early-Season Test
106 - 109 Day CRM
 B2014ILNO18a

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
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	250.4	19.3	1	31.6	894	1
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	236.3	18.1	2	32.5	852	2
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	236.1	18.6	1	34.4	848	4
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	234.8	17.4	1	29.8	852	3
Pfister	2545SS	STX	AC,P5	107	233.5	19.3	1	37.1	834	5
Renk	RK791SSTX	STX,B	AC,P2	108	228.6	18.3	1	33.5	823	9
Golden Harvest	G06N80-3111	3111	AVC,C5	106	228.2	18.0	1	33.5	824	7
Dyna-Gro	D48SS38	STX	AC,P5V	108	228.2	19.7	2	32.5	812	11
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	226.5	16.8	1	30.7	826	6
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	225.2	17.5	1	30.7	816	10
Wyffels	W5138RIB	STX,B	AC,P5V	108	224.3	17.9	1	33.4	810	12
Titan Pro	2M07-SS	STX,B	AC,P5V	107	223.7	18.3	1	31.6	806	13
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	223.1	18.0	1	34.4	805	14
NK Brand	N58S-3111	3111	AVC,C5	106	222.2	17.6	1	31.6	805	15
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	220.0	18.3	2	32.6	792	17
Stone	5828RIB	STX,B	AC,P5V	108	219.8	17.0	1	34.4	800	16
Stone	5838RIB	STX,B	AC,P5V	108	219.3	18.3	2	33.5	790	19
NK Brand	N61P-5122	5122,B	AVC,C5	107	219.3	18.6	1	38.1	788	22
Beck	XL 5131AMXT^	AMXT,B	Es,P1V	105	218.8	18.0	1	32.5	790	20
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	218.6	19.8	2	30.7	777	26
YIELDirect	4L48-RIB	STX,B	AC,P5V	106	217.6	17.3	1	38.1	790	21
LG Seeds	LG5579VT3PRIB	VT3P,B	AC,P5V	109	217.2	19.1	1	27.9	777	27
Golden Harvest	G07F23-3111	3111	AVC,C5	107	216.9	17.8	1	38.1	784	24
Stone	5628RIB	STX,B	AC,P5V	106	216.6	16.5	1	34.4	792	18
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	216.2	16.9	1	36.2	788	23
Renk	RK712SSTX	STX	AC,P2	106	216.2	17.8	1	30.7	782	25
Steyer	10803GENSS RIB	STX,B	CM,C2	108	214.3	17.5	2	32.5	777	28
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	214.3	18.6	1	29.8	770	30
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	214.1	18.1	1	29.8	772	29
YIELDirect	5E58-RIB	STX,B	AC,P5V	107	214.0	18.5	1	35.3	769	31
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	229.2	18.7	6	33.5	823	8

Jason Beyers
 beyers@frontiernet.net, (815) 985-7369

Test Average = **213.7** **18.2** **1** **32.6** **771**
 LSD (0.10) = 15.0 0.5 2
 LSD (0.25) = 10.5 0.3 1
 C.V. = 5.2 2.0

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO / non-GMO

Test Comments: *A few days after planting, this location received pounding rain that really made the corn seedlings struggle to emerge. Plant heights were extremely uneven shortly following emergence, ranging from spike to 3" tall. The trial area looked better going into June. There was evidence of common rust, anthracnose, and leaf blights in late September. Stalk quality was still pretty good at harvest.*

† 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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 Report date: 11/6/2014 Revised:

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 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 3.2% OM
 PEST MANAGEMENT: Halex GT, Force
 FERTILITY - Applied N: 36 Fall, 153 Side, 50 Foliar
 Applied N-P-K (units): 239-112-120
 SEEDED - RATE - ROW: May 10 37,500 /A 30" spacing
 HARVESTED - STAND: Nov 5 33,300 /A

Full-Season Test
110 - 113 Day CRM
 B2014ILNO18b

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
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	255.6	20.7	2	36.2	902	1
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	242.0	20.5	2	26.9	855	2
Wyffels	W7888RIB	STX,B	AC,P5V	114	239.5	23.6	1	34.4	824	7
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	237.6	19.1	1	34.4	850	3
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	237.2	23.7	1	39.0	816	8
Pfister	3366RA	STX,B	CM,C2	115	232.2	22.2	1	27.9	809	11
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	232.1	19.7	1	33.5	826	5
Dyna-Gro	D52SS91	STX	AC,P5V	112	230.8	23.4	1	37.2	796	12
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	229.3	23.2	1	34.4	792	14
<i>FS InVISION</i>	<i>FS 63SX1 RIB</i>	<i>STX,B</i>	<i>AC,P5V</i>	<i>113</i>	<i>229.0</i>	<i>25.9</i>	<i>1</i>	<i>32.5</i>	<i>772</i>	<i>21</i>
Renk	RK860VT3P	VT3P,B	AC,P2	111	227.8	19.3	1	29.7	813	9
Dyna-Gro	D51SS54	STX	AC,P5V	111	226.7	16.2	1	34.4	831	4
AgriGold	A6462STX	STX	AC,P5V	110	225.9	18.8	1	38.1	810	10
Pfister	2574RA	STX,B	CM,C2	110	223.7	20.1	1	34.4	793	13
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112	223.0	20.8	1	38.1	786	15
Golden Harvest	G12J11-3011A	3011A	AVC,C5	112	222.6	22.4	3	31.6	774	20
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	222.4	20.6	1	36.2	786	16
Pioneer	P1221AMXT	AMXT,B	MQ,P1V	112	220.9	20.5	3	35.3	781	17
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	217.9	22.6	1	34.4	757	25
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	217.7	22.1	1	34.4	759	24
Wyffels	W7108	STX	AC,P5V	111	217.4	18.8	1	33.5	780	18
Cornelius	C621SS	STX	AC,P5V	110	216.6	18.9	1	36.2	776	19
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112	214.3	21.3	3	36.2	752	27
Channel	212-86STXRIB	STX,B	AC,P5V	112	214.1	21.3	1	33.5	752	28
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	213.8	21.4	1	34.4	750	29
Stone	6258RIB	STX,B	AC,P5V	112	213.1	19.5	1	30.7	760	23
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	212.4	20.0	1	34.4	754	26
Steyer	11004GENSS RIB	STX,B	CM,C2	110	212.2	18.4	1	34.4	763	22
Stine	R9739VT3Pro	VT3P,B	AC,P2	114	212.2	21.2	1	35.3	746	30
Channel	213-59STXRIB	STX,B	AC,P5V	113	211.6	20.8	2	34.4	746	31
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	231.5	19.4	1	33.5	826	6

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Test Average = **213.9** **21.0** **2** **33.3** **753**
 LSD (0.10) = 14.3 1.1 2
 LSD (0.25) = 10.0 0.8 1
 C.V. = 4.9 3.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO / non-GMO

Test Comments: *A few days after planting, this location received pounding rain that really made the corn seedlings struggle to emerge. Plant heights were extremely uneven shortly following emergence, ranging from spike to 3" tall. The trial area looked better going into June. There was evidence of common rust, anthracnose, and leaf blights in late September. Stalk quality was still pretty good at harvest.*

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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® 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.