

# 2014 Corn Grain Top 30 Harvest Report

Illinois North [ ILNO ] MAZON  
Lynard Tryner, Grundy County, IL 60444



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

PREV. CROP/HERB: Soybean / Valor, Roundup  
SOIL DESCRIPTION: Bryce/Mokena silty clay loam, moderately drained, conventional w/o fall till, non-irrigated  
SOIL CONDITION: High P, high K, 6.3 pH, 4% OM  
PEST MANAGEMENT: Volley ATZ, Buctril, 2,4-D, Force  
FERTILITY - Applied N: 22 Fall, 180 Sidedress  
Applied N-P-K (units): 202-55-72  
SEEDED - RATE - ROW: May 21 37,500 /A 30" spacing  
HARVESTED - STAND: Nov 7 36,900 /A

**Early-Season Test**  
**106 - 109 Day CRM**  
B2014ILNO13a

**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
Renk	RK791SSTX	STX,B	AC,P2	108	<b>247.7</b>	18.2	1	40.9	893	1
Golden Harvest	G06N80-3111	3111	AVC,C5	106	240.0	17.8	1	34.4	868	2
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	240.0	18.9	1	37.1	860	4
Wyffels	W5138RIB	STX,B	AC,P5V	108	239.4	18.6	1	34.4	860	5
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	238.9	18.2	1	37.2	861	3
YIELDirect	5L33-RIB	STX,B	AC,P5V	109	238.4	18.4	1	38.1	858	6
Cornelius	C574SS	STX	AC,P5V	107	237.9	18.4	1	34.4	856	7
Wyffels	W4968	STX	AC,P5V	107	236.6	17.7	1	37.2	856	8
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	236.4	18.2	1	38.1	852	9
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	234.0	18.0	1	36.2	845	11
Channel	209-53STXRIB	STX,B	AC,P5V	109	232.2	19.5	1	38.1	828	15
Steyer	10803GENSS RIB	STX,B	CM,C2	108	231.7	18.2	1	38.1	835	12
AgriGold	A6376STXRIB	STX,B	AC,P5V	106	230.3	18.1	1	36.2	831	13
Dyna-Gro	D46SS46	STX	AC,P5V	107	230.2	18.6	1	38.1	827	16
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	229.9	18.6	1	33.5	826	17
Titan Pro	2M07-SS	STX,B	AC,P5V	107	229.6	18.0	1	39.0	829	14
Cornelius	C533SS	STX	AC,P5V	106	228.3	18.2	1	39.9	823	18
Channel	206-78STXRIB	STX,B	AC,P5V	106	227.8	18.6	2	36.2	818	20
Pfister	2545SS	STX	AC,P5	107	227.7	20.9	1	38.1	802	29
Stine	R9631VT3Pro	VT3P,B	AC,P2	109	227.6	20.5	1	36.2	805	25
YIELDirect	5E58-RIB	STX,B	AC,P5V	107	227.5	18.4	1	38.1	819	19
Pioneer	P1023AMX	AMX,B	MQ,P1V	110	226.5	19.9	1	36.2	805	26
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	226.0	18.3	1	38.1	814	21
Renk	RK776SSTX	STX,B	AC,P2	107	226.0	19.9	1	36.2	803	28
Steyer	10703GENSS RIB	STX,B	CM,C2	107	225.8	18.6	1	35.3	811	22
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V	109	224.8	19.7	1	37.1	800	31
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	224.6	18.3	1	36.2	809	23
Stine	R9632SS	STX,B	AC,P2	107	224.4	18.2	1	38.1	809	24
NK Brand	N58S-3111	3111	AVC,C5	106	221.6	17.7	1	37.2	802	30
Golden Harvest	G09M49-5122	5122,B	AVC,C5	109	219.2	15.9	1	40.9	805	27
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	238.4	20.0	1	41.8	846	10

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Test Average = **222.4** 18.5 1 36.9 800  
LSD (0.10) = 20.4 0.8 ns  
LSD (0.25) = 14.3 0.6 ns  
C.V. = 6.8 3.2

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:** Glad to see that this area had a good year because they have not fared well for rainfall the last 5 years. The trials started off great, corn was uniform at the V3 growth stage. Continued to receive good timely rainfalls, and experienced excellent pollination. Stalk quality was pretty good at harvest, with only 30% failing a pinch test. Anthracnose and some common rust were present in September.

† 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: 11/8/2014 Revised:

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SOIL DESCRIPTION: Bryce/Mokena silty clay loam, moderately drained, conventional w/o fall till, non-irrigated  
SOIL CONDITION: High P, high K, 6.3 pH, 4% OM  
PEST MANAGEMENT: Volley ATZ, Buctril, 2,4-D, Force  
FERTILITY - Applied N: 22 Fall, 180 Sidedress  
Applied N-P-K (units): 202-55-72  
SEEDED - RATE - ROW: May 21 37,500 /A 30" spacing  
HARVESTED - STAND: Nov 7 36,500 /A

**Full-Season Test**  
**110 - 113 Day CRM**  
B2014ILNO13b

**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
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>255.9</b>	24.2	1	36.2	876	1
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	<b>247.8</b>	20.8	1	37.2	874	2
Channel	213-59STXRIB	STX,B	AC,P5V	113	<b>246.2</b>	21.2	1	35.3	865	3
Dyna-Gro	D52SS91	STX	AC,P5V	112	<b>240.6</b>	24.9	2	40.9	819	7
Stone	6258RIB	STX,B	AC,P5V	112	238.6	21.4	1	35.3	837	4
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	232.9	24.9	1	35.3	793	14
Dyna-Gro	D51SS54	STX	AC,P5V	111	231.8	21.1	1	32.5	815	8
Pfister	2595RA	STX,B	CM,C2	111	231.2	19.6	1	32.5	824	6
AgriGold	A6462STX	STX	AC,P5V	110	230.8	22.0	1	27.9	805	10
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	230.2	21.8	1	40.9	805	11
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	229.8	23.4	1	38.1	792	15
Wyffels	W7108	STX	AC,P5V	111	229.3	20.1	1	38.1	813	9
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	228.7	24.1	1	36.2	784	22
Cornelius	C744SS	STX	AC,P5V	113	227.1	22.4	1	39.0	790	18
Stine	R9739VT3Pro	VT3P,B	AC,P2	114	225.8	23.9	1	38.1	775	29
Renk	RK860VT3P	VT3P,B	AC,P2	111	225.3	20.0	1	36.2	800	12
LG Seeds	LG5612STX	STX	AC,P5V	112	225.2	21.7	1	29.7	788	20
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	224.8	21.1	1	37.2	791	17
Wyffels	W7448	STX	AC,P5V	112	224.6	20.8	1	38.1	792	16
Titan Pro	TP 39-11 SS	STX,B	AC,P5V	111	224.2	22.9	1	35.3	776	28
Pfister	2770RA	STX,B	CM,C2	113	224.0	22.2	1	36.2	780	26
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112	223.6	21.8	1	40.0	782	23
Wyffels	W6628RIB	STX,B	AC,P5V	110	222.8	20.7	1	31.6	786	21
Dairyland	DS9111RA	STX,B	CM,C2	111	222.6	19.0	1	40.0	797	13
Renk	RK858VT3P	VT3P,B	AC,P2	112	221.4	19.5	1	38.1	789	19
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	221.0	20.5	1	37.2	781	24
Renk	RK890SSTX	STX,B	AC,P2	113	220.5	21.1	1	36.2	775	30
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	220.4	20.7	1	39.0	778	27
Cornelius	C621SS	STX	AC,P5V	110	218.9	20.5	1	37.2	774	31
Dairyland	DS9311RA	STX,B	CM,C2	111	218.4	19.1	1	39.0	781	25
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	232.5	20.2	1	40.0	824	5

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Test Average = **220.2**    **21.5**    **1**    **36.5**    **772**  
LSD (0.10) = 19.6    1.1    ns  
LSD (0.25) = 13.7    0.8    ns  
C.V. = 6.6    3.8

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:** Glad to see that this area had a good year because they have not fared well for rainfall the last 5 years. The trials started off great, corn was uniform at the V3 growth stage. Continued to receive good timely rainfalls, and experienced excellent pollination. Stalk quality was pretty good at harvest, with only 30% failing a pinch test. Anthracnose and some common rust were present in September.

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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.