

2014 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] MALTA
Steve Drendel, DeKalb County, IL 60150



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

PREV. CROP/HERB: Corn, 2+ yr / Lumax, Roundup (2x)
SOIL DESCRIPTION: Flanagan silty clay loam, well drained, conventional w/ fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.2 pH, 4% OM
PEST MANAGEMENT: Lexar, Roundup, Force
FERTILITY - Applied N: 36 Fall, 220 Spring
Applied N-P-K (units): 256-92-120
SEEDED - RATE - ROW: May 7 37,500 /A 30" spacing
HARVESTED - STAND: Oct 18 36,000 /A

Early-Season Test

106 - 109 Day CRM

B2014ILNO14a

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
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	208.6	23.6	6	35.3	718	1
Cornelius	C574SS	STX	AC,P5V	107	205.0	24.4	6	38.1	701	3
YIELDirect	4L48-RIB	STX,B	AC,P5V	106	201.9	22.6	6	37.1	701	4
Wyffels	W4968	STX	AC,P5V	107	201.8	21.9	7	35.3	705	2
Stone	5628RIB	STX,B	AC,P5V	106	201.8	22.5	6	35.3	701	5
Renk	RK791SSTX	STX,B	AC,P2	108	201.5	23.1	4	35.3	697	7
NK Brand	N58S-3111	3111	AVC,C5	106	201.3	22.7	6	38.1	698	6
Wyffels	W5448	STX	AC,P5V	108	200.7	23.5	4	35.3	691	10
Golden Harvest	G06N80-3111	3111	AVC,C5	106	200.2	23.0	8	33.5	693	9
Wyffels	W5138RIB	STX,B	AC,P5V	108	199.7	24.4	6	33.5	683	13
AgriGold	A6376STXRIB	STX,B	AC,P5V	106	199.1	21.8	7	38.1	696	8
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	197.9	22.7	6	37.2	687	11
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	197.3	22.2	13	38.1	687	12
Channel	209-53STXRIB	STX,B	AC,P5V	109	197.0	24.5	7	36.2	673	17
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	196.6	25.3	10	38.1	667	23
YIELDirect	5L33-RIB	STX,B	AC,P5V	109	196.1	23.6	13	37.2	675	14
Cornelius	C576SS	STX	AC,P5V	109	195.7	24.1	6	37.2	671	20
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	195.1	23.7	7	38.1	671	21
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	194.7	25.3	7	37.1	660	28
Renk	RK712SSTX	STX	AC,P2	106	194.5	23.2	7	39.0	672	19
Titan Pro	2M07-SS	STX,B	AC,P5V	107	194.2	22.7	9	39.9	674	15
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	193.9	22.7	7	31.6	673	18
Stone	5828RIB	STX,B	AC,P5V	108	193.8	22.4	7	34.4	674	16
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	192.8	24.6	14	38.1	658	29
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	190.7	21.4	7	35.3	669	22
Stine	R9632SS	STX,B	AC,P2	107	190.4	22.6	12	36.2	661	26
Steyer	10803GENSS RIB	STX,B	CM,C2	108	189.9	23.0	7	37.2	657	30
Beck	5852D2	3111	Es,P1V	108	189.5	21.6	6	36.2	664	25
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	187.8	22.1	8	35.3	655	31
Cornelius	C596-5122	5122	CM,C2	109	186.7	20.3	12	37.1	661	27
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	199.2	26.9	11	39.9	666	24

Jason Beyers

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

Test Average = **189.7** **23.8** **8** **36.0** **652**

LSD (0.10) = 13.4 1.5 6

LSD (0.25) = 9.4 1.0 4

C.V. = 5.2 4.5

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: *This plot was off to a tremendous start as far as emergence goes, and corn was nice and even at the V5 stage. June turned off on the wet side, and Steve felt like the excess amount of rain in June hurt the corn more than the lack of rain in July. At the time of harvest, stalk quality was starting to deteriorate at a rapid pace. Wind blown diseases were in vast amounts throughout the test area.*

† 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: Lexar, Roundup, Force
FERTILITY - Applied N: 36 Fall, 220 Spring
Applied N-P-K (units): 256-92-120
SEEDED - RATE - ROW: May 7 37,500 /A 30" spacing
HARVESTED - STAND: Oct 18 37,200 /A

Full-Season Test
110 - 113 Day CRM
B2014ILNO14b

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
Wyffels	W7108	STX	AC,P5V	111	210.2	24.7	10	39.0	717	1
Cornelius	C621SS	STX	AC,P5V	110	202.5	25.8	4	38.1	684	3
Renk	RK860VT3P	VT3P,B	AC,P2	111	201.7	23.9	6	37.2	692	2
AgriGold	A6462STX	STX	AC,P5V	110	197.5	25.4	6	33.5	669	4
Stone	6148RIB	STX,B	AC,P5V	111	192.8	29.6	4	40.0	629	8
Beck	XL 6175AMXT^	AMXT,B	Es,P1V	112	192.1	28.5	7	37.2	633	7
Wyffels	W7888RIB	STX,B	AC,P5V	114	190.5	28.7	7	37.2	627	9
NuTech/G2 Gen	5F-512^	AM,B	MQ,P5V	112	190.1	29.5	14	36.2	621	11
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	189.9	30.1	4	36.2	617	12
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	187.6	30.4	7	38.1	607	16
Steyer	11004GENSS RIB	STX,B	CM,C2	110	187.3	24.4	10	37.2	640	5
Pioneer	P1221AMXT	AMXT,B	MQ,P1V	112	186.8	28.5	4	41.8	616	13
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	186.1	30.3	7	38.1	603	19
Channel	213-59STXRIB	STX,B	AC,P5V	113	185.9	30.2	7	38.1	603	20
Dyna-Gro	D51SS54	STX	AC,P5V	111	185.3	29.6	10	40.0	604	17
Golden Harvest	G12J11-3011A	3011A	AVC,C5	112	185.2	28.0	6	37.2	613	14
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	185.2	28.8	7	38.1	609	15
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	184.0	25.2	17	37.2	624	10
Stone	6258RIB	STX,B	AC,P5V	112	183.9	28.9	6	37.2	604	18
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	183.9	29.7	6	36.2	599	22
Channel	212-86STXRIB	STX,B	AC,P5V	112	183.0	28.5	4	40.9	603	21
Wyffels	W6628RIB	STX,B	AC,P5V	110	181.9	28.6	6	35.3	599	23
Steyer	11103GENSS RIB	STX,B	CM,C2	111	180.8	28.5	7	34.4	596	25
LG Seeds	LG5612STX	STX	AC,P5V	112	179.6	29.4	7	32.5	587	27
Cornelius	C744SS	STX	AC,P5V	113	179.6	30.2	6	37.2	583	30
Golden Harvest	G12Z02-5222	5222,B	AVC,C5	112	179.5	27.2	6	35.3	598	24
Dairyland	DS9111RA	STX,B	CM,C2	111	179.1	29.7	23	39.0	584	29
Great Lakes	6261STX	STX	AC,P5V	112	177.6	28.2	7	32.5	587	28
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	177.2	28.9	9	33.5	582	31
Stine	R9741EVT3Pro	VT3P,B	AC,P2	112	175.2	25.0	4	40.0	596	26
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	191.1	27.6	11	39.0	635	6

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Test Average = **179.8** **29.0** **8** **37.2** **590**
LSD (0.10) = 12.6 1.4 6
LSD (0.25) = 8.8 1.0 4
C.V. = 5.2 3.6

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: *This plot was off to a tremendous start as far as emergence goes, and corn was nice and even at the V5 stage. June turned off on the wet side, and Steve felt like the excess amount of rain in June hurt the corn more than the lack of rain in July. At the time of harvest, stalk quality was starting to deteriorate at a rapid pace. Wind blown diseases were in vast amounts throughout the test area.*

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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.