

2014 Corn Grain Top 30 Harvest Report

Illinois North [ILNO] WINNEBAGO

Eric Swanson, Ogle County, IL 61010



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

PREV. CROP/HERB: Soybean / SureStart, Roundup, Status
 SOIL DESCRIPTION: Ogle/Myrtle silt loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.8% OM
 PEST MANAGEMENT: SureStart, Roundup, Status, Force
 FERTILITY - Applied N: 124 Fall, 35 Spring
 Applied N-P-K (units): 159-65-75
 SEEDED - RATE - ROW: May 10 37,500 /A 30" spacing
 HARVESTED - STAND: Nov 6 37,600 /A

Early-Season Test

106 - 109 Day CRM

B2014ILNO15a

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
Pfister	2545SS	STX	AC,P5	107	246.0	20.6	1	41.8	869	3
Cornelius	C574SS	STX	AC,P5V	107	244.1	19.4	1	39.0	871	1
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	243.2	19.1	1	37.1	870	2
YIELDirect	4L48-RIB	STX,B	AC,P5V	106	239.9	17.7	1	41.8	868	4
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	239.0	18.9	1	34.4	856	5
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	238.9	21.1	1	39.0	840	8
Steyer	10904GENSSRIB	STX,B	CM,C2	109	238.1	20.5	1	38.1	842	6
Cornelius	C576SS	STX	AC,P5V	109	236.4	20.4	1	35.3	836	10
AgriGold	A6376STXRIB	STX,B	AC,P5V	106	236.2	19.6	1	37.1	841	7
Dairyland	DS6409	STX	CM,C2	109	234.9	19.3	1	37.2	839	9
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	233.5	19.0	1	36.2	836	11
Golden Harvest	G07F23-3111	3111	AVC,C5	107	233.2	20.0	1	40.9	828	17
Beck	5852D2	3111	Es,P1V	108	233.0	18.9	1	37.1	835	12
Steyer	10703GENSS RIB	STX,B	CM,C2	107	232.8	19.1	1	34.4	833	13
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	232.4	19.0	1	37.2	832	14
Renk	RK776SSTX	STX,B	AC,P2	107	231.1	20.8	1	38.1	815	24
Beck	XL 5131AMXT^	AMXT,B	Es,P1V	105	230.8	19.7	1	39.9	821	22
NK Brand	N58S-3111	3111	AVC,C5	106	230.4	18.9	1	39.0	826	19
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	230.0	18.0	1	41.8	830	16
Stone	5828RIB	STX,B	AC,P5V	108	229.8	17.7	1	38.1	832	15
Golden Harvest	G06N80-3111	3111	AVC,C5	106	229.4	18.6	1	39.0	824	20
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	229.3	18.8	1	33.4	822	21
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	228.2	19.1	1	38.1	816	23
Titan Pro	2M07-SS	STX,B	AC,P5V	107	228.2	19.4	2	39.0	814	25
Dyna-Gro	D48SS38	STX	AC,P5V	108	228.2	20.3	2	36.2	808	30
Channel	209-53STXRIB	STX,B	AC,P5V	109	226.9	19.5	1	34.4	809	28
Stine	R9632SS	STX,B	AC,P2	107	226.8	18.7	1	37.2	814	26
Cornelius	C533SS	STX	AC,P5V	106	226.4	19.1	1	38.1	810	27
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	225.8	19.1	1	39.0	808	31
Wyffels	W4968	STX	AC,P5V	107	223.3	17.5	1	35.3	809	29
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	233.6	20.4	1	39.0	826	18

Jason Beyers

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Test Average = **224.9** **19.0** **1** **37.6** **805**

LSD (0.10) = 13.7 0.7 ns

LSD (0.25) = 9.6 0.5 ns

C.V. = 4.5 2.8

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: *This location looked great all year. Emergence was excellent, with almost every seed germinating, and early season growth was all uniform. Rainfall was good leading up to pollination, and it appeared that every ear was filled to the tip. The site caught more timely rains during grain fill, which produced some nice deep kernels. The only downfall was test weight which ranged from 53 to 57 lbs.*

† 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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 SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.8% OM
 PEST MANAGEMENT: SureStart, Roundup, Status, Force
 FERTILITY - Applied N: 124 Fall, 35 Spring
 Applied N-P-K (units): 159-65-75
 SEED - RATE - ROW: May 10 37,500 /A 30" spacing
 HARVESTED - STAND: Nov 6 36,500 /A

Full-Season Test

110 - 113 Day CRM

B2014ILNO15b

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
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	244.8	20.7	1	37.2	864	1
Pfister	3366RA	STX,B	CM,C2	115	235.7	22.9	1	40.0	816	5
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	234.3	21.0	1	40.0	825	2
Wyffels	W7888RIB	STX,B	AC,P5V	114	234.0	25.4	1	35.3	793	14
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	233.3	24.1	1	36.2	800	12
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	232.0	22.0	1	39.0	810	7
Renk	RK860VT3P	VT3P,B	AC,P2	111	231.5	20.5	1	39.0	818	4
Cornelius	C621SS	STX	AC,P5V	110	230.9	21.2	1	40.9	811	6
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	230.7	25.7	1	35.3	780	20
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	230.5	21.3	1	37.2	809	9
Renk	RK858VT3P	VT3P,B	AC,P2	112	230.4	21.2	1	33.5	810	8
Channel	213-59STXRIB	STX,B	AC,P5V	113	228.6	23.1	1	34.4	790	17
Stone	6258RIB	STX,B	AC,P5V	112	228.4	21.4	1	35.3	801	11
Wyffels	W7108	STX	AC,P5V	111	228.1	20.2	1	34.4	808	10
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	226.9	25.0	1	37.2	771	27
Pfister	2595RA	STX,B	CM,C2	111	226.3	20.5	1	37.2	800	13
AgriGold	A6462STX	STX	AC,P5V	110	225.6	21.5	1	36.2	791	16
Dairyland	DS9111RA	STX,B	CM,C2	111	225.2	21.1	1	40.9	792	15
Dairyland	DS9713RA	STX,B	CM,C2	113	224.2	23.2	1	31.6	774	25
Dyna-Gro	D51SS54	STX	AC,P5V	111	223.4	22.1	1	36.2	779	21
Wyffels	W7448	STX	AC,P5V	112	223.4	22.2	1	37.2	778	23
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	221.5	19.9	1	32.5	787	18
Stone	6148RIB	STX,B	AC,P5V	111	221.4	22.7	1	35.3	768	28
Pfister	2574RA	STX,B	CM,C2	110	221.3	21.0	1	38.1	779	22
Cornelius	C733SS	STX	AC,P5V	113	221.2	21.2	1	38.1	777	24
Wyffels	W6628RIB	STX,B	AC,P5V	110	220.5	22.2	1	34.4	768	29
LG Seeds	LG5612STX	STX	AC,P5V	112	220.2	22.2	1	33.5	767	31
Steyer	11004GENSS RIB	STX,B	CM,C2	110	219.6	19.5	1	38.1	783	19
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	219.6	21.8	1	36.2	768	30
Pioneer	P1221AMXT	AMXT,B	MQ,P1V	112	219.0	20.9	1	41.8	772	26
Pioneer	P0832AMX CK	AMX,B	MQ,P1V	108	233.3	21.4	1	38.1	818	3

Jason Beyers

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Test Average = **220.4** **22.5** **1** **36.5** **766**

LSD (0.10) = 13.5 1.3 ns

LSD (0.25) = 9.4 0.9 ns

C.V. = 4.5 4.4

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 location looked great all year. Emergence was excellent, with almost every seed germinating, and early season growth was all uniform. Rainfall was good leading up to pollination, and it appeared that every ear was filled to the tip. The site caught more timely rains during grain fill, which produced some nice deep kernels. The only downfall was test weight which ranged from 53 to 57 lbs.*

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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.