

# 2014 Corn Grain Top 30 Harvest Report

North Central Tri-State [ NCTS ] POSTVILLE  
Glenn Griffin, Winneshiek County, IA 52162



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

PREV. CROP/HERB: Soybean / Parallel Plus, Roundup  
SOIL DESCRIPTION: Downs/Fayette silt loam, well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.5% OM  
PEST MANAGEMENT: Dual II Magnum, Impact, atrazine, Roundup, Fortix, Warrior, Force  
FERTILITY - Applied N: 150 Planter, 70 Sidedress  
Applied N-P-K (units): 220-108-88  
SEEDED - RATE - ROW: May 9 35,100 /A 30" spacing  
HARVESTED - STAND: Oct 27 34,700 /A

## Early-Season Test

**101 - 106 Day CRM**  
B2014NCTS10a

## 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
Jung	7S522RIB	STX,B	AC,P5V	101	<b>246.6</b>	24.3	1	37.1	844	1
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	<b>243.7</b>	29.2	1	38.1	798	3
Pioneer	P0407AMXT	AMXT,AQ,B	MQ,P1V	104	<b>240.3</b>	28.5	1	34.4	792	6
Kruger	K4R-9901	STX,B	AC,P5V	101	<b>239.5</b>	27.6	1	31.6	796	4
Jung	7S577RIB	STX,B	AC,P5V	104	<b>238.7</b>	26.8	1	36.2	799	2
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	<b>233.4</b>	24.8	1	33.5	795	5
Dyna-Gro	D46SS46	STX	AC,P5V	107	232.2	27.5	1	37.1	772	9
Cornelius	C338DPDG	VT2P,DG	CM,C2	103	231.5	27.1	1	36.2	773	8
Federal	5440SSTAX	STX	AC,P5V	104	230.8	27.6	1	31.6	767	11
NuTech	5N-803	3000GT	CM,C2	101	229.2	25.1	1	32.5	779	7
Renk	RK629VT3P	VT3P,B	AC,P2	101	228.3	26.3	1	32.6	767	12
Wyffels	W3998RIB	STX,B	AC,P5V	105	226.8	28.0	1	35.3	751	13
Golden Harvest	G02W74-3000GT	3000GT	AVC,C5	102	226.4	24.7	1	37.2	772	10
NK Brand	N58S-3111	3111	AVC,C5	106	222.2	30.1	1	31.6	721	20
Renk	RK712SSTX	STX	AC,P2	106	221.7	29.3	1	32.5	725	16
Latham	LH5589SSRIB	STX,B	AC,P5V	105	221.4	28.9	1	34.4	727	15
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	220.3	29.5	1	33.5	719	21
Jung	7S579RIB	STX,B	AC,P5V	104	220.1	29.6	1	36.2	718	22
Cornelius	C457SS	STX	AC,P5V	105	219.9	30.9	1	27.9	709	28
Dairyland	DS6905	STX	CM,C2	105	219.8	29.6	1	36.2	717	23
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	219.7	27.4	1	36.2	731	14
Kruger	K4R-9204	STX,B	AC,P5V	104	219.1	29.2	1	31.6	717	24
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	218.9	27.9	1	38.1	725	17
Kruger	K4R-9406	STX,B	AC,P5V	106	217.4	27.7	1	29.7	722	19
Latham	LH5659SSRIB	STX,B	AC,P5V	106	215.9	29.1	1	35.3	708	30
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102	215.5	28.4	1	34.4	711	27
Federal	5530VT2PRIB	VT2P,B	AC,P2	105	214.9	27.9	1	31.6	712	26
Kruger	K4R-9304	STX,B	AC,P5V	104	214.8	27.4	1	36.2	715	25
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	211.1	24.0	1	37.2	724	18
Federal	5140SSTAXRIB	STX,B	AC,P5V	101	207.9	24.6	1	36.2	709	29
Pioneer	P0533AM1 CK	AM1,B	MQ,P1V	105	206.6	28.4	1	31.6	681	50

Jason Beyers

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Test Average = **215.2** **28.1** **1** **34.7** **712**

LSD (0.10) = 18.2 1.9 ns

LSD (0.25) = 12.7 1.3 ns

C.V. = 6.3 5.0

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

**Test Comments:** This test was in excellent condition all year long. Plants still had good stalk strength at harvest and everything was standing excellent. There was no disease to be found at harvest. Ears were good and girthy with good kernel fill. Ear shanks were still strong making harvest easy with little plant material entering the combine. The only downfall was the cool season slowed grain drydown.

† 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: 10/27/2014 Revised:

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SOIL DESCRIPTION: Downs/Fayette silt loam, well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.5% OM  
PEST MANAGEMENT: Dual II Magnum, Impact, atrazine, Roundup, Fortix, Warrior, Force  
FERTILITY - Applied N: 150 Planter, 70 Sidedress  
Applied N-P-K (units): 220-108-88  
SEDED - RATE - ROW: May 9 35,100 /A 30" spacing  
HARVESTED - STAND: Oct 27 34,700 /A

**Full-Season Test**  
**107 - 110 Day CRM**  
B2014NCTS10b

**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
Wyffels	W5448	STX	AC,P5V	108	<b>256.6</b>	30.3	1	37.1	832	1
Cornelius	C621SS	STX	AC,P5V	110	<b>255.0</b>	32.9	1	39.0	807	3
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	<b>253.7</b>	30.4	1	33.5	821	2
Wyffels	W6628RIB	STX,B	AC,P5V	110	<b>251.9</b>	32.2	1	32.5	802	4
LG Seeds	LG5548STX	STX	AC,P5V	108	<b>250.4</b>	31.8	1	33.5	800	5
Champion	CSX59A14SSRIB	STX,B	AC,P5V	109	248.8	31.5	1	34.4	797	7
Latham	LH5779SSRIB	STX,B	AC,P5V	107	244.5	31.3	1	35.3	785	8
Kruger	K4R-9308	STX,B	AC,P5V	108	244.0	29.2	1	36.2	799	6
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	242.1	31.9	1	36.2	773	10
Channel	209-53STXRIB	STX,B	AC,P5V	109	239.4	33.0	1	36.2	757	14
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	238.7	31.8	1	36.2	763	12
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	238.3	31.7	1	31.6	762	13
AgriGold	A6462STX	STX	AC,P5V	110	237.4	32.8	1	35.3	752	15
Pioneer	P0636AM1	AM1,B	MQ,P1V	106	237.2	29.3	1	31.6	776	9
Wyffels	W5138RIB	STX,B	AC,P5V	108	236.4	30.6	1	32.6	764	11
Kruger	K4R-9911	STX,B	AC,P5V	111	234.3	31.3	1	37.2	752	16
Cornelius	C594VT3P	VT3P	CM,C2	110	233.7	32.1	1	34.4	745	17
Renk	RK834SSTX	STX	AC,P2	111	233.4	33.1	1	35.3	737	22
Renk	RK776SSTX	STX,B	AC,P2	107	232.0	31.4	1	32.5	744	18
LG Seeds	LG5579VT3PRIB	VT3P,B	AC,P5V	109	231.3	31.6	1	41.8	741	21
LG Seeds	LG5603STX	STX	AC,P5V	110	229.9	33.3	1	37.1	724	28
Latham	LH6089SSRIB	STX,B	AC,P5V	110	229.8	32.1	1	31.6	732	24
Stine	R9631VT3Pro	VT3P,B	AC,P2	109	229.2	30.3	1	37.2	743	19
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	228.8	30.2	1	31.6	742	20
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	228.3	32.0	1	27.0	728	25
Jung	7S686RIB	STX,B	AC,P5V	108	227.9	30.6	1	35.3	737	23
Cornelius	C574SS	STX	AC,P5V	107	226.3	31.1	1	33.5	728	26
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	224.9	30.7	1	36.2	726	27
Federal	5730SSTXRIB	STX,B	AC,P5V	107	222.2	30.6	1	37.1	718	30
NK Brand	N60F-3111	3111	AVC,C5	107	221.8	30.2	1	36.2	720	29
Pioneer	P0533AM1 CK	AM1,B	MQ,P1V	105	202.8	28.5	1	36.2	668	48

Jason Beyers

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Test Average = **222.8** 31.6 1 34.7 714

LSD (0.10) = 26.4 1.8 ns

LSD (0.25) = 18.4 1.2 ns

C.V. = 8.8 4.2

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

**Test Comments:** This test was in excellent condition all year long. Plants still had good stalk strength at harvest and everything was standing excellent. There was no disease to be found at harvest. Ears were good and girthy with good kernel fill. Ear shanks were still strong making harvest easy with little plant material entering the combine. The only downfall was the cool season slowed grain drydown.

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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.