

# 2014 Corn Grain Top 30 Harvest Report

Indiana North [ INNO ] WOODBURN  
Rex Coomer, Allen County, IN 46797



Test by: F.I.R.S.T. NECB, Inc., Chadwick, IL

PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Clay loam, well drained, conventional w/ fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 1.9% OM  
PEST MANAGEMENT: Keystone, glyphosate, Force  
FERTILITY - Applied N: 33 Planter, 140 Sidedress  
Applied N-P-K (units): 173-vrt-vrt  
SEEDED - RATE - ROW: May 8 35,600 /A 30" spacing  
HARVESTED - STAND: Nov 10 33,200 /A

**Early-Season Test**  
**103 - 108 Day CRM**  
B2014INNO04a

**Top 30 of 54**  
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	5F-008AM^	AM,AQ,B	MQ,P5V	108	255.4	17.9	0	32.2	875	1
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	253.5	17.2	1	33.5	873	2
Specialty	34A413	STX,B	AC,P5V	104	252.9	17.7	1	34.9	868	3
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	251.3	18.2	0	33.5	859	4
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	250.7	17.9	1	31.5	859	5
Specialty	36A794	STX,B	AC,P5V	106	249.6	17.3	1	32.9	859	6
Partners Brand	PB 7962VT2P	VT2P	CM,C2	109	249.2	18.0	1	34.2	854	7
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	248.4	18.2	0	32.9	850	8
Dairyland	DS9307SSX	STX	CM,C2	107	247.9	18.0	1	33.5	849	10
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	247.7	18.1	1	33.5	848	11
NK Brand	N60F-3111	3111	AVC,C5	107	247.5	17.7	1	33.5	850	9
Golden Harvest	G03B39-3111	3111	AVC,C5	107	247.0	18.0	1	33.5	846	12
Specialty	4383GENVT3PRIB	VT3P,B	AC,P5V	105	245.0	17.5	1	33.5	842	13
Ebberts	7109VT3PRIB	VT3P,B	AC,P5	109	243.5	18.0	1	34.2	834	14
Seed Consultants	SCS 1074AMX-R^	AMX-R,B	MQ,C2	107	243.5	18.3	1	31.5	832	16
Golden Harvest	G07F23-3111 (2)	3111	AVC,C5	107	243.3	17.9	1	32.9	834	15
Ebberts	9488SSX	STX	AC,P5V	108	242.3	18.0	1	34.9	830	17
Golden Harvest	G07F23-3111	3111	AVC,C5	107	242.2	18.0	0	32.9	830	18
LG Seeds	LG5523STX	STX	AC,P5V	105	239.8	18.0	1	32.9	821	20
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	239.7	17.9	0	33.5	822	19
Stine	R9631VT3Pro	VT3P,B	AC,P2	109	238.8	18.1	1	34.9	817	22
Great Lakes	5566STX	STX	AC,P5V	105	238.2	17.2	1	34.2	821	21
Partners Brand	PB 7841VIP3111	3111	CM,C2	108	237.7	17.8	1	31.5	815	23
M & W Seeds	44D82	STX,B	AC,P5V	105	237.1	18.1	1	32.9	811	28
Select	4134SM RIB	STX,B	AC,P5V	104	237.0	17.8	1	33.5	813	25
Seed Consultants	SCS 10HQ34^	HXT,RR2	MQ,C2	103	236.8	17.3	1	34.2	815	24
Select	4534SM RIB	STX,B	AC,P5V	106	236.7	17.9	1	33.5	811	29
Mycogen	2G581	GT	CM,C2	105	236.3	17.3	1	34.2	813	26
Rupp	xrD05-04	VT2P,B	AC,P2	105	235.4	17.0	2	34.2	812	27
AgriGold	A6351STX	STX	AC,P5V	105	233.8	16.7	1	32.9	808	30
Pioneer	P0636AM CK	AM,AQ,B	MQ,P1V,R	106	223.0	17.9	1	33.5	764	46
Test Average =					<b>235.9</b>	<b>17.8</b>	<b>1</b>	<b>33.2</b>	<b>809</b>	
LSD (0.10) =					19.7	0.8	ns			
LSD (0.25) =					13.8	0.6	ns			
C.V. =					6.2	3.3				

**Yield & Income Factors:** Base Moisture = 0.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.50}{\$3.50}$  Local GMO non-GMO

**Test Comments:** A stand loss from soil crusting appeared likely after planting. Luckily a nice shower softened it allowing seedlings to emerge. A June 29 visit showed a nice looking crop with corn smut, gray leaf spot, northern corn leaf blight and anthracnose. At harvest, ear and kernel rots were noted. Disease pressure impacted yield. Rex's surrounding fungicide treated field saw a 20-30 bu/acre yield increase.

† 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: 11/11/2014 Revised:

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PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Clay loam, well drained, conventional w/ fall till, non-irrigated  
SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 1.9% OM  
PEST MANAGEMENT: Keystone, glyphosate, Force  
FERTILITY - Applied N: 33 Planter, 140 Sidedress  
Applied N-P-K (units): 173-vrt-vrt  
SEEDED - RATE - ROW: May 8 35,600 /A 30" spacing  
HARVESTED - STAND: Nov 10 33,400 /A

**Full-Season Test**  
**109 - 112 Day CRM**  
B2014INNO04b

**Top 30 of 54**  
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
Specialty	42D843	VT2P,B	AC,P5V	112	<b>259.2</b>	19.0	1	33.5	881	1
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>258.8</b>	20.1	0	33.5	873	6
NK Brand	N70J-3011A	3011A	AVC,C5	112	<b>257.5</b>	19.2	0	32.8	874	5
NK Brand	N67S-3110	3110	AVC,C5	110	<b>256.6</b>	17.9	1	31.5	879	2
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	256.5	18.2	1	32.8	877	3
Golden Harvest	G10S30-3110	3110	AVC,C5	110	255.3	17.8	1	34.8	876	4
Ebberts	6292VT2P	VT2P	AC,P5	112	251.1	18.9	1	33.5	854	9
Seed Consultants	SCS 1125YXR^	OIX,B	MQ,C2	112	250.4	18.4	0	33.5	855	8
Mycogen	2V717	STX,B	CM,C2	111	250.3	17.6	1	32.2	860	7
Great Lakes	6261STX	STX	AC,P5V	112	248.8	19.3	0	34.2	844	10
Mycogen	2G685	3000GT	CM,C2	109	247.5	18.9	1	32.8	842	11
Channel	209-53STXRIB	STX,B	AC,P5V	109	246.6	19.6	0	32.8	835	13
Dairyland	DS9610	3000GT	CM,C2	110	246.1	18.5	0	32.8	840	12
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	244.1	18.2	1	34.8	835	14
Seed Consultants	SC 11AQ15	3000GT	MQ,C5	112	243.5	19.6	0	32.2	824	21
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	243.4	18.1	1	33.5	833	15
Golden Harvest	G11U58-3122	3122,B	AVC,C5	111	243.0	18.3	0	33.5	830	17
Steyer	10904GENSSRIB	STX,B	CM,C2	109	242.7	17.8	1	34.2	832	16
Mycogen	2V709	STX,B	CM,C2	110	242.0	18.1	1	34.2	828	18
Seed Consultants	SCS 1094AM-R^	AM-R,AQ,B	MQ,C2	109	241.6	18.2	2	34.8	826	19
Dairyland	DS9311RA	STX,B	CM,C2	111	241.5	18.3	0	34.8	825	20
Rupp	xrJ10-91	STX,B	AC,P5V	110	241.0	18.4	1	33.5	823	22
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	240.8	18.3	1	32.8	823	23
Specialty	41A743	STX,B	AC,P5V	111	240.5	18.3	1	34.8	822	24
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	240.1	19.3	0	34.8	815	27
Dairyland	DS9111RA	STX,B	CM,C2	111	238.5	17.8	1	32.2	818	25
Select	4984SM RIB	STX,B	AC,P5V	110	238.5	20.4	1	32.8	803	31
Steyer	11004GENSS RIB	STX,B	CM,C2	110	238.1	18.2	1	32.8	814	28
Armor	1262Pro2	VT2P	AC,P5V	112	237.6	18.7	1	34.2	810	29
Specialty	4611GENVT3PRIB	VT3P,B	AC,P5V	110	236.6	18.6	1	34.2	807	30
Pioneer	P0636AM CK	AM,AQ,B	MQ,P1V,R	106	240.3	19.3	1	34.8	815	26
Test Average =					<b>236.4</b>	<b>18.6</b>	<b>1</b>	<b>33.4</b>	<b>806</b>	
LSD (0.10) =					20.2	0.6	1			
LSD (0.25) =					14.1	0.4	0			
C.V. =					6.3	2.5				

**Yield & Income Factors:** Base Moisture = 0.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.50}{\$3.50}$  Local GMO non-GMO

**Test Comments:** A stand loss from soil crusting appeared likely after planting. Luckily a nice shower softened it allowing seedlings to emerge. A June 29 visit showed a nice looking crop with corn smut, gray leaf spot, northern corn leaf blight and anthracnose. At harvest, ear and kernel rots were noted. Disease pressure impacted yield. Rex's surrounding fungicide treated field saw a 20-30 bu/acre yield increase.

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2014 Corn Grain - Indiana North [ INNO ]



**Early-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6351STX	STX	AC,P5V	105	Specialty	34A413	STX,B	AC,P5V	104
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	Specialty	36A794	STX,B	AC,P5V	106
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	Specialty	38A573	STX,B	AC,P5V	108
Armor	0700Pro2	VT2P,B	AC,P5V	107	Specialty	4383GENVT3PRIB	VT3P,B	AC,P5V	105
Beck	XL 5131AM^	AM,B	Es,P1V	105	Steyer	10703GENSS RIB	STX,B	CM,C2	107
Beck	XL 5475AMX^	AMX,AQ,B	Es,P1V	108	Steyer	10803GENSS RIB	STX,B	CM,C2	108
Dairyland	DS6805	STX	CM,C2	105	Stine	R9631VT3Pro	VT3P,B	AC,P2	109
Dairyland	DS6905	STX	CM,C2	105	TA Seeds	TA566-00	None	CM,C2	106
Dairyland	DS9307SSX	STX	CM,C2	107	TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108
Ebberts	6587VT2P	VT2P	AC,P5	107					
Ebberts	7109VT3PRIB	VT3P,B	AC,P5	109					
Ebberts	7909VT3P	VT3P	AC,P5	109					
Ebberts	9488SSX	STX	AC,P5V	108					
Golden Harvest	G03B39-3111	3111	AVC,C5	107					
Golden Harvest	G07F23-3111	3111	AVC,C5	107					
Golden Harvest	G07F23-3111 (2)	3111	AVC,C5	107					
Great Lakes	5566STX	STX	AC,P5V	105					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
LG Seeds	LG5523STX	STX	AC,P5V	105					
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107					
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108					
M & W Seeds	44D82	STX,B	AC,P5V	105					
M & W Seeds	44P09	VT2P	CM,C2	108					
Mycogen	2G581	GT	CM,C2	105					
Mycogen	2P659	STX,B	CM,C2	108					
NK Brand	N58S-3111	3111	AVC,C5	106					
NK Brand	N59B-3111A	3111A	AVC,C5	107					
NK Brand	N60F-3111	3111	AVC,C5	107					
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108					
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105					
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
Partners Brand	PB 7841VIP3111	3111	CM,C2	108					
Partners Brand	PB 7962VT2P	VT2P	CM,C2	109					
Pioneer	P0636AM CK	AM,AQ,B	MQ,P1V,R	106					
Rupp	xrD05-04	VT2P,B	AC,P2	105					
Rupp	xrJ03-31	STX,B	AC,P5V	103					
Rupp	xrJ07-20	STX,B	AC,P5V	107					
Seed Consultants	SCS 1074AMX-R^	AMX-R,B	MQ,C2	107					
Seed Consultants	SCS 10HQ34^	HXT,RR2	MQ,C2	103					
Seed Consultants	SCS 10HR43^	HX,RR2	MQ,P1V	104					
Select	3829VP RIB	VT3P,B	AC,P2	103					
Select	4134SM RIB	STX,B	AC,P5V	104					
Select	4534SM RIB	STX,B	AC,P5V	106					
Select	4823SM RIB	STX,B	AC,P5V	108					

2014 Corn Grain - Indiana North [ INNO ]



**Full-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	Select	5186SM RIB	STX,B	AC,P5V	111
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	Specialty	41A743	STX,B	AC,P5V	111
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	Specialty	42D843	VT2P,B	AC,P5V	112
Armor	1262Pro2	VT2P	AC,P5V	112	Specialty	4611GENVT3PRIB	VT3P,B	AC,P5V	110
Armor	AXC4110SS	STX,B	AC,P5V	110	Steyer	10904GENSSRIB	STX,B	CM,C2	109
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	Steyer	11004GENSS RIB	STX,B	CM,C2	110
Channel	209-53STXRIB	STX,B	AC,P5V	109	Steyer	11103GENSS RIB	STX,B	CM,C2	111
Channel	210-95STXRIB	STX,B	AC,P5V	110	TA Seeds	TA647-22DPRIB	VT2P,B	CM,C2	111
Channel	211-24STXRIB	STX,B	AC,P5V	111	TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112
Dairyland	DS9111RA	STX,B	CM,C2	111					
Dairyland	DS9311RA	STX,B	CM,C2	111					
Dairyland	DS9610	3000GT	CM,C2	110					
Dairyland	DS9809RA	STX,B	CM,C2	109					
Ebberts	6292VT2P	VT2P	AC,P5	112					
Ebberts	7222VT3PRIB	VT3P,B	AC,P5	112					
Ebberts	7510VT3PRIB	VT3P,B	AC,P5	110					
Ebberts	9451SSX	STX	AC,P5V	111					
Golden Harvest	G10S30-3110	3110	AVC,C5	110					
Golden Harvest	G11U58-3122	3122,B	AVC,C5	111					
Golden Harvest	G12J11-3011A	3011A	AVC,C5	112					
Great Lakes	6068STXRIB	STX,B	AC,P5V	110					
Great Lakes	6261STX	STX	AC,P5V	112					
LG Seeds	LG5603STX	STX	AC,P5V	110					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2A698	STX,B	CM,C2	112					
Mycogen	2G685	3000GT	CM,C2	109					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
NK Brand	N63R-3000GT	3000GT	AVC,C5	109					
NK Brand	N67S-3110	3110	AVC,C5	110					
NK Brand	N70J-3011A	3011A	AVC,C5	112					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109					
Partners Brand	PB 8242VIP3111	3111	CM,C2	112					
Pioneer	P0636AM CK	AM,AQ,B	MQ,P1V,R	106					
Rupp	xrD11-13	VT2P,B	AC,P2	111					
Rupp	xrJ10-91	STX,B	AC,P5V	110					
Seed Consultants	SC 11AQ15	3000GT	MQ,C5	112					
Seed Consultants	SCS 1093AAM-R^	AM-R,B	MQ,C2	110					
Seed Consultants	SCS 1094AM-R^	AM-R,AQ,B	MQ,C2	109					
Seed Consultants	SCS 1125YXR^	OIX,B	MQ,C2	112					
Select	4984SM RIB	STX,B	AC,P5V	110					
Select	4995SM RIB	STX,B	AC,P5V	110					

## 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	Accelaron® 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.