

# 2014 Corn Grain Top 30 Harvest Report

Missouri Northeast [ MONE ] GREENTOP

Terry Sevits, Schuyler County, MO 63546



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

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Armstrong loam, well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 2.5% OM  
 PEST MANAGEMENT: Parallel Plus, Atrazine, Roundup, Force  
 FERTILITY - Applied N: 18 Fall, 100 Planter, 50 Sidedress  
 Applied N-P-K (units): 168-46-100  
 SEEDED - RATE - ROW: May 6 32,400 /A 30" spacing  
 HARVESTED - STAND: Oct 29 32,400 /A

## Early-Season Test

107 - 112 Day CRM

B2014MONE22a

## Top 30 of 36

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
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	<b>232.2</b>	16.5	3	33.5	849	1
LG Seeds	LG560VT2PRIB	VT2P,B	AC,P5V	111	<b>230.1</b>	16.8	5	34.4	839	2
Renk	RK776SSTX	STX,B	AC,P2	107	<b>219.5</b>	17.6	2	31.6	795	3
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	216.3	16.9	2	33.5	788	4
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	212.0	18.0	1	33.5	765	5
Beck	XL 6175AM^	AM,B	Es,P1V	112	210.7	17.8	3	31.6	762	10
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	210.6	17.2	1	32.6	765	6
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	210.4	17.1	1	33.5	765	7
Pfister	2574RA	STX,B	CM,C2	110	209.7	16.9	3	33.5	764	8
Augusta	A5658GT3000	3000GT	CM,C2	108	209.5	16.9	3	32.6	763	9
Renk	RK860VT3P	VT3P,B	AC,P2	111	208.8	17.5	1	33.5	757	11
Channel	212-86STXRIB	STX,B	AC,P5V	112	207.5	16.9	2	34.4	756	12
Lewis	R1407VT2P	VT2P,B	AC,P5V	107	206.5	16.9	1	29.8	752	13
Prairie Brand	1121RA	STX,B	CM,C2	112	206.0	17.0	4	32.6	750	15
Prairie Brand	6305RA	STX,B	CM,C2	113	205.6	17.1	2	32.6	748	16
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	205.0	16.2	1	32.6	751	14
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	204.0	17.4	2	32.5	740	18
Renk	RK791SSTX	STX,B	AC,P2	108	203.4	16.4	2	32.6	744	17
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	202.8	17.8	1	32.5	733	19
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	200.0	16.8	2	29.8	729	21
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	200.0	17.3	2	33.5	726	22
Pfister	3366RA	STX,B	CM,C2	115	199.9	17.2	2	32.6	726	23
Channel	209-53STXRIB	STX,B	AC,P5V	109	198.2	17.0	1	34.4	721	25
Augusta	A4658GT3110	3110	CM,C5	108	197.4	16.4	3	30.7	722	24
Renk	RK834SSTX	STX	AC,P2	111	196.5	17.2	2	30.7	714	26
Prairie Brand	5985SX	STX	CM,C2	111	195.5	16.9	2	30.7	712	27
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	195.2	17.0	6	34.4	711	28
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	193.1	17.8	1	33.5	698	30
Pfister	2595RA	STX,B	CM,C2	111	193.0	16.5	2	29.8	705	29
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	192.1	17.4	4	32.6	697	31
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	200.8	17.3	1	33.5	729	20

Jason Beyers

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

Test Average = **201.7** 17.1 2 32.4 734

LSD (0.10) = 14.7 0.3 3

LSD (0.25) = 10.2 0.2 2

C.V. = 5.3 1.4

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:** *Corn at this site received good timely rains leading up to pollination, afterward, conditions turned slightly dry during late July. Corn plants were not real tall, aiding in standability. Stalks were still in good shape at harvest with about 25% failing a pinch test. Most hybrids had excellent ear girth with a really deep kernel set. Area corn grain moistures have not changed much the past two weeks.*

† 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 DESCRIPTION: Armstrong loam, well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 2.5% OM  
 PEST MANAGEMENT: Parallel Plus, Atrazine, Roundup, Force  
 FERTILITY - Applied N: 18 Fall, 100 Planter, 50 Sidedress  
 Applied N-P-K (units): 168-46-100  
 SEEDED - RATE - ROW: May 6 32,400 /A 30" spacing  
 HARVESTED - STAND: Oct 29 33,200 /A

## Full-Season Test

**113 - 116 Day CRM**

B2014MONE22b

## Top 30 of 45

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	3F-814^	AM-R,AQ,B	MQ,P5V	114	<b>216.5</b>	17.3	1	33.5	786	1
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	<b>215.2</b>	17.7	3	33.5	779	2
Renk	RK935SSTX	STX	AC,P2	115	<b>212.7</b>	17.6	6	36.2	770	3
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	205.8	17.9	1	34.4	744	4
Channel	215-83STXRIB	STX,B	AC,P5V	115	204.0	18.1	1	33.5	736	5
Wyffels	W7806RIB	VT2P,B	AC,P5V	113	201.4	18.9	4	32.5	722	7
Pioneer	P1339AMX	AMX,B	MQ,P1V	113	200.3	18.6	2	34.4	719	8
Golden Harvest	G16K01-3111	3111	AVC,C5	116	199.6	18.7	2	32.5	716	9
NK Brand	N74R-3000GT	3000GT	AVC,C5	114	198.6	18.3	1	31.6	715	11
Wyffels	W7888RIB	STX,B	AC,P5V	114	197.9	18.2	5	33.5	713	12
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	197.6	17.6	1	33.5	716	10
Augusta	A5565VT2Pro	VT2P	CM,C1	115	197.3	18.2	4	33.5	711	13
Augusta	A4564GENSS	STX	AC,P5V	114	196.8	18.8	2	30.7	706	16
Prairie Brand	1123RA	STX,B	CM,C2	113	196.3	18.3	1	33.5	707	15
Pfister	3497SS	STX	CM,C1	116	195.6	20.7	5	33.5	690	24
Pfister	3488HR	HX,RR2	CM,C2	115	195.3	18.0	2	33.5	705	17
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	195.0	17.1	1	31.6	709	14
Beck	Phoenix 6542A4^	3111	Es,P1V	115	193.9	18.2	2	33.5	699	19
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	193.3	17.3	2	33.5	702	18
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	193.1	17.9	3	32.5	698	20
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	191.7	17.9	2	34.4	693	21
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	191.5	17.9	3	33.5	692	22
LG Seeds	LG5622STX	STX	AC,P5V	113	191.3	17.8	2	34.4	692	23
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	190.6	17.7	1	32.5	690	25
Beck	6347	GT	Es,P1V	113	190.6	19.1	1	25.1	682	28
Pfister	2874RR	RR2	CM,C2	113	190.1	18.1	1	33.5	686	26
Wyffels	W8377	VT3P	AC,P5V	115	188.5	17.6	1	33.5	683	27
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116	187.7	19.2	1	27.9	671	31
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	187.6	18.1	1	28.8	677	29
Renk	RK890SSTX	STX,B	AC,P2	113	186.0	17.5	2	30.7	674	30
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	202.6	17.6	1	34.4	734	6

Jason Beyers

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Test Average = **191.0** 18.1 2 33.2 689

LSD (0.10) = 15.0 0.6 3

LSD (0.25) = 10.4 0.4 2

C.V. = 5.8 2.5

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

**Test Comments:** *Corn at this site received good timely rains leading up to pollination, afterward, conditions turned slightly dry during late July. Corn plants were not real tall, aiding in standability. Stalks were still in good shape at harvest with about 25% failing a pinch test. Most hybrids had excellent ear girth with a really deep kernel set. Area corn grain moistures have not changed much the past two weeks.*

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**Early-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107					
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A4658GT3110	3110	CM,C5	108					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Beck	Phoenix 5832A3^	3011A	Es,P1V	112					
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110					
Beck	XL 6175AM^	AM,B	Es,P1V	112					
Channel	209-53STXRIB	STX,B	AC,P5V	109					
Channel	212-86STXRIB	STX,B	AC,P5V	112					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Lewis	R1407VT2P	VT2P,B	AC,P5V	107					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	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-1209^	OI	MQ,P1V,R	112					
Pfister	2565VT3Pro	VT3P	AC,P5	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	3366RA	STX,B	CM,C2	115					
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112					
Prairie Brand	1121RA	STX,B	CM,C2	112					
Prairie Brand	5985SX	STX	CM,C2	111					
Prairie Brand	6305RA	STX,B	CM,C2	113					
Renk	RK776SSTX	STX,B	AC,P2	107					
Renk	RK791SSTX	STX,B	AC,P2	108					
Renk	RK834SSTX	STX	AC,P2	111					
Renk	RK860VT3P	VT3P,B	AC,P2	111					
Stine	R9631VT3Pro	VT3P,B	AC,P2	109					



## 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.