

# 2014 Corn Grain Top 30 Harvest Report

Missouri Northwest [ MONW ] JAMESPORT

Tim Flory, Daviess County, MO 64648



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Ladoga sandy clay loam, mod. well drained, no-till, non-irrigated  
 SOIL CONDITION: Mod. High P, moderate K, 6.3 pH, 2.9% OM  
 PEST MANAGEMENT: Brigade, Roundup, atrazine, Force  
 FERTILITY - Applied N: 174 Spring  
 Applied N-P-K (units): 174-18-29  
 SEEDED - RATE - ROW: May 16 30,000 /A 30" spacing  
 HARVESTED - STAND: Nov 6 31,400 /A

## Early-Season Test

107 - 112 Day CRM

B2014MONW31a

## Top 30 of 42

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	3366RA	STX,B	CM,C2	115	<b>226.4</b>	15.8	1	31.9	675	1
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	<b>226.2</b>	15.9	1	29.9	674	2
Pfister	2574RA	STX,B	CM,C2	110	<b>223.4</b>	15.3	1	30.9	669	3
Titan Pro	81A12GL	3000GT	CM,C2	112	<b>222.5</b>	16.1	1	30.9	661	4
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	<b>220.1</b>	14.7	1	31.9	660	5
Golden Harvest	G10S30-3110 GC	3110	AVC,C5	110	<b>214.5</b>	15.0	1	31.9	644	6
Titan Pro	TP 39-09 SS GC	STX,B	AC,P5V	109	211.8	14.6	1	31.9	635	7
Augusta	A5658GT3000	3000GT	CM,C2	108	211.7	15.1	1	28.9	635	8
Prairie Brand	5985SX	STX	CM,C2	111	210.4	15.2	1	29.9	630	9
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	208.4	16.1	1	31.9	619	11
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	207.0	16.1	1	31.9	615	13
Prairie Brand	1121RA	STX,B	CM,C2	112	206.1	15.1	1	32.4	618	12
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	205.7	15.5	1	29.4	615	14
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	205.5	15.5	1	31.4	614	15
Mycogen	2A749	STX,B	CM,C2	112	204.5	14.6	1	32.9	614	16
Prairie Brand	6305RA	STX,B	CM,C2	113	203.3	15.4	1	30.4	608	17
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112	201.9	15.5	1	30.9	603	20
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	201.7	14.9	1	33.9	605	18
Pioneer	P1257AMX GC	AMX,B	MQ,P1V	112	201.7	15.0	1	30.9	605	19
Pioneer	P1365AMX GC	AMX,B	MQ,P1V	113	201.6	15.3	1	29.9	603	21
Mycogen	2V717	STX,B	CM,C2	111	200.0	14.6	1	32.9	600	22
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	198.6	15.6	1	30.9	593	23
Wyffels	W5448 GC	STX	AC,P5V	108	195.8	14.5	1	34.4	587	24
Pfister	2595RA	STX,B	CM,C2	111	195.3	14.9	1	30.9	586	25
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	192.9	14.5	1	30.9	579	26
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	192.5	15.9	1	31.9	573	28
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	192.4	15.4	1	31.9	575	27
Pfister	2565VT3Pro	VT3P	AC,P5	108	188.6	14.8	1	31.4	566	29
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	186.4	14.3	1	31.9	559	30
Lewis	R1511SS	STX,B	AC,P5V	111	186.1	15.1	1	31.9	558	31
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	209.7	15.3	1	33.9	628	10
Test Average =					<b>196.1</b>	<b>15.2</b>	<b>1</b>	<b>31.4</b>	<b>587</b>	
LSD (0.10) =					16.1	0.4	ns			
LSD (0.25) =					11.2	0.3	ns			
C.V. =					6.0	2.1				

Randy Meinsma  
 randym@firstseedtests.com, (815) 238-8007

<b>Yield &amp; Income Factors:</b>	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = $\frac{\$3.00}{\$3.00}$	Local GMO
					non-GMO

**Test Comments:** *The day of planting, soil and weather conditions were marginal and the fear of a low stand was anticipated. However, when stand counts were taken, population was strong and yield potential was not limited. The plants were still strong and standing very well at harvest. Very little leaf disease, ears with strong cobs and shanks were the norm. Very good drainage here protected the test from ponding.*

† 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: Mod. High P, moderate K, 6.3 pH, 2.9% OM  
 PEST MANAGEMENT: Brigade, Roundup, atrazine, Force  
 FERTILITY - Applied N: 174 Spring  
 Applied N-P-K (units): 174-18-29  
 SEEDED - RATE - ROW: May 16 30,000 /A 30" spacing  
 HARVESTED - STAND: Nov 6 31,200 /A

## Full-Season Test

113 - 116 Day CRM

B2014MONW31b

## Top 30 of 42

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	5Z-713^	OI	MQ,P1V,R	113	<b>240.2</b>	15.8	1	30.9	716	1
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	<b>235.3</b>	15.8	1	31.9	701	2
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115	<b>229.1</b>	16.3	1	31.9	680	4
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	<b>228.7</b>	15.2	1	29.9	685	3
Titan Pro	2M14-SS	STX,B	AC,P5V	114	<b>227.8</b>	16.9	1	31.9	673	6
Pioneer	P1555CHR GC	OT	MQ,P1V	115	<b>226.8</b>	16.2	1	30.4	674	5
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	<b>224.5</b>	16.7	1	32.9	664	7
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	<b>224.0</b>	17.6	1	33.9	657	11
Wyffels	W7888RIB	STX,B	AC,P5V	114	223.7	16.6	1	30.9	662	8
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	222.3	16.2	1	31.9	660	9
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	221.8	16.1	1	31.9	659	10
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	220.3	15.7	1	29.9	657	12
Augusta	A4564GENSS	STX	AC,P5V	114	220.3	17.0	1	31.9	650	16
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	219.8	15.9	1	31.9	654	14
Mycogen	2V779	STX,B	CM,C2	113	218.8	15.3	1	32.9	655	13
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	218.4	15.3	1	30.9	654	15
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	217.4	16.6	1	28.9	644	17
Prairie Brand	1123RA	STX,B	CM,C2	113	215.7	16.2	1	31.9	641	18
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113	215.1	16.4	1	32.4	638	20
Pfister	2874RR	RR2	CM,C2	113	215.0	16.4	1	29.4	637	21
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	214.9	17.8	1	31.9	630	22
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	213.4	15.2	1	30.9	639	19
Mycogen	2C788	STX,B	CM,C2	114	211.1	16.9	1	33.8	623	25
Stine	R9806EVT3Pro	VT3P,B	AC,P2	114	209.5	15.9	1	29.9	624	24
Mycogen	2C799	STX,B	CM,C2	114	209.3	16.3	1	30.9	621	26
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	208.0	16.2	1	31.9	618	27
Pfister	2770RA	STX,B	CM,C2	113	207.6	16.5	1	29.9	615	29
Pfister	3497SS	STX	CM,C1	116	207.6	19.3	1	30.9	600	31
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	206.6	15.7	1	33.4	616	28
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	204.3	15.9	1	30.9	608	30
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	210.8	15.6	1	29.9	629	23

Test Average = **211.5** **16.3** **1** **31.2** **627**

LSD (0.10) = 12.4 0.4 ns

LSD (0.25) = 8.6 0.3 ns

C.V. = 4.3 1.9

Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.00}{\$3.00}$  Local GMO non-GMO

**Test Comments:** *The day of planting, soil and weather conditions were marginal and the fear of a low stand was anticipated. However, when stand counts were taken, population was strong and yield potential was not limited. The plants were still strong and standing very well at harvest. Very little leaf disease, ears with strong cobs and shanks were the norm. Very good drainage here protected the test from ponding.*

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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® 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.