

# 2014 Corn Grain Top 30 Harvest Report

Missouri Northwest [ MONW ] BLUE RIDGE  
 Doug Taggart, Harrison County, MO 64642



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

PREV. CROP/HERB: Soybean / 2,4-D, Roundup, Warrant  
 SOIL DESCRIPTION: Edina silt loam, mod. well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 3.4% OM  
 PEST MANAGEMENT: Realm Q, Roundup, Force  
 FERTILITY - Applied N: 150 Fall  
 Applied N-P-K (units): 150-0-0  
 SEED - RATE - ROW: May 6 25,000 /A 30" spacing  
 HARVESTED - STAND: Nov 5 30,200 /A

**Early-Season Test**  
**107 - 112 Day CRM**  
 B2014MONW33a

## 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
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	<b>239.7</b>	14.9	1	31.9	719	1
Golden Harvest	G10S30-3110 GC	3110	AVC,C5	110	<b>234.7</b>	14.8	1	31.9	704	2
Augusta	A4658GT3110	3110	CM,C5	108	<b>228.1</b>	14.7	1	28.9	684	3
Pioneer	P1257AMX GC	AMX,B	MQ,P1V	112	<b>227.5</b>	15.4	1	30.4	680	5
Pfister	2574RA	STX,B	CM,C2	110	<b>226.9</b>	15.0	1	29.9	681	4
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	<b>225.2</b>	15.0	1	32.4	676	6
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	<b>224.2</b>	14.5	1	28.9	673	7
Wyffels	W5448 GC	STX	AC,P5V	108	221.9	14.9	1	28.9	666	8
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	221.7	15.1	1	29.9	665	9
Pfister	2565VT3Pro	VT3P	AC,P5	108	221.1	15.0	1	26.4	663	10
Prairie Brand	6305RA	STX,B	CM,C2	113	219.5	15.5	1	31.9	656	11
Augusta	A5658GT3000	3000GT	CM,C2	108	217.5	14.8	1	32.4	653	12
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	216.3	15.2	1	31.9	648	13
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	215.9	15.0	1	28.9	648	14
LG Seeds	LG5612STX	STX	AC,P5V	112	215.8	15.1	1	29.4	647	15
Titan Pro	81A12GL	3000GT	CM,C2	112	215.4	15.4	1	28.9	644	16
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	211.0	15.7	1	30.9	629	18
Titan Pro	TP 39-09 SS GC	STX,B	AC,P5V	109	210.2	14.6	1	30.9	631	17
Mycogen	2V709	STX,B	CM,C2	110	210.1	15.2	4	31.9	629	19
Prairie Brand	5985SX	STX	CM,C2	111	209.7	15.3	1	29.9	628	21
Pfister	2595RA	STX,B	CM,C2	111	209.5	14.9	1	29.9	629	20
Wyffels	W7108	STX	AC,P5V	111	208.1	14.9	1	31.9	624	22
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	207.4	14.7	1	30.9	622	23
Mycogen	2V717	STX,B	CM,C2	111	206.0	15.0	1	32.9	618	24
Prairie Brand	1121RA	STX,B	CM,C2	112	205.6	15.1	1	28.9	616	25
Stine	R9739VT3Pro	VT3P,B	AC,P2	114	204.3	15.1	1	29.9	612	26
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	203.3	14.9	1	29.9	610	27
Wyffels	W6628RIB	STX,B	AC,P5V	110	203.2	15.0	1	30.9	610	28
Pfister	3366RA	STX,B	CM,C2	115	202.9	15.5	1	29.9	606	30
Pioneer	P1365AMX GC	AMX,B	MQ,P1V	113	202.6	15.0	1	30.4	608	29
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	199.4	15.3	1	27.9	597	36

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Test Average = **210.7**    **15.1**    **1**    **30.2**    **632**  
 LSD (0.10) = 12.8    0.2    ns  
 LSD (0.25) = 8.9    0.2    ns  
 C.V. = 4.5    1.2

**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:** *Doug stated that a tornado touched down just a couple hundred yards north of the trial area. At harvest, no lodging was observed however, some of the late maturity hybrids had some plant greensnap that ultimately hurt their yield. Ears were long with large diameter, full of deep kernels to the tip. Some ears had weak shanks but not bad enough for harvest loss. Sturdy cobs made shelling easy.*

† 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, 6.8 pH, 3.4% OM  
 PEST MANAGEMENT: Realm Q, Roundup, Force  
 FERTILITY - Applied N: 150 Fall  
 Applied N-P-K (units): 150-0-0  
 SEEDED - RATE - ROW: May 6 25,000 /A 30" spacing  
 HARVESTED - STAND: Nov 5 30,700 /A

### Full-Season Test

**113 - 116 Day CRM**

B2014MONW33b

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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
Prairie Brand	1123RA	STX,B	CM,C2	113	<b>208.4</b>	16.1	1	29.9	724	1
LG Seeds	LG5622STX	STX	AC,P5V	113	202.4	15.6	1	31.9	705	2
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	200.9	15.3	1	31.9	702	3
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	200.8	15.3	1	29.9	701	4
Mycogen	2V779	STX,B	CM,C2	113	200.6	16.1	1	30.9	697	5
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	200.2	16.2	1	32.9	695	6
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	199.5	16.4	1	29.4	691	7
Pioneer	P1555CHR GC	OT	MQ,P1V	115	199.5	16.7	2	31.9	690	9
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	199.1	17.0	2	29.9	687	10
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115	198.5	15.8	1	31.9	691	8
Pfister	3488HR	HX,RR2	CM,C2	115	197.0	17.3	1	29.9	678	12
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	195.2	15.7	1	31.9	680	11
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	194.3	15.6	1	31.4	677	13
Pfister	2874RR	RR2	CM,C2	113	193.7	16.4	1	29.9	671	14
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	193.7	16.5	4	31.9	671	15
Augusta	A4564GENSS	STX	AC,P5V	114	192.8	16.4	1	29.9	668	16
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	192.8	16.4	1	30.9	668	17
Mycogen	2C799	STX,B	CM,C2	114	192.6	16.2	1	28.9	668	18
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	190.6	15.9	12	29.9	663	19
Mycogen	2C788	STX,B	CM,C2	114	189.8	17.1	1	33.4	654	22
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	189.2	16.5	1	29.9	655	21
Titan Pro	2M14-SS	STX,B	AC,P5V	114	189.2	16.9	1	30.9	653	23
Augusta	A5565VT2Pro	VT2P	CM,C1	115	187.8	17.3	1	28.9	647	26
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	187.6	15.9	1	32.9	652	24
Wyffels	W7888RIB	STX,B	AC,P5V	114	186.9	16.5	1	30.9	647	27
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113	186.6	16.7	1	30.9	645	29
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	186.4	15.1	1	33.9	652	25
Stine	R9740VT3Pro	VT3P,B	AC,P2	113	185.7	15.6	1	28.9	647	28
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	185.0	16.2	1	29.9	642	30
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	182.9	15.8	1	28.9	636	31
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	190.5	15.8	1	31.9	663	20
Test Average =					<b>187.8</b>	<b>16.3</b>	<b>3</b>	<b>30.7</b>	<b>651</b>	
LSD (0.10) =					19.0	0.7	8			
LSD (0.25) =					13.2	0.5	5			
C.V. =					7.4	3.0				

Randy Meinsma

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

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Report date: 11/6/2014 Revised:





## 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.