

2014 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] HOPKINS

Steve Alexander, Nodaway County, MO 64461



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

PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Bremer-Nevin silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 3.3% OM
 PEST MANAGEMENT: Outlook, Status, glyphosate, Force
 FERTILITY - Applied N: 171 Fall
 Applied N-P-K (units): 171-6-16
 SEEDING - RATE - ROW: May 5 32,000 /A 30" spacing
 HARVESTED - STAND: Nov 4 34,600 /A

Early-Season Test

107 - 112 Day CRM

B2014MONW32a

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	279.6	14.4	1	33.8	839	1
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	275.9	14.7	1	31.9	828	2
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	275.4	15.1	1	35.8	826	3
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	272.3	14.0	1	33.9	817	4
Titan Pro	81A12GL	3000GT	CM,C2	112	270.9	14.8	1	35.8	813	5
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	270.0	15.2	1	33.8	809	6
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	268.5	15.0	1	35.8	806	7
Pioneer	P1257AMX GC	AMX,B	MQ,P1V	112	267.7	14.5	1	36.3	803	8
Prairie Brand	6305RA	STX,B	CM,C2	113	266.3	14.4	1	34.8	799	9
Pfister	3366RA	STX,B	CM,C2	115	265.0	14.5	1	34.8	795	10
Augusta	A5658GT3000	3000GT	CM,C2	108	263.1	14.6	1	33.9	789	11
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112	262.8	15.0	1	32.9	788	12
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	261.9	14.5	1	31.9	786	13
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	261.2	15.1	9	36.8	783	14
Wyffels	W7108	STX	AC,P5V	111	261.1	14.3	1	35.8	783	15
Prairie Brand	5985SX	STX	CM,C2	111	259.7	14.4	1	34.8	779	16
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	258.6	14.9	1	35.8	776	17
LG Seeds	LG5612STX	STX	AC,P5V	112	258.2	14.8	1	33.8	775	18
Augusta	A4658GT3110	3110	CM,C5	108	257.9	14.2	13	34.8	774	19
Mycogen	2V709	STX,B	CM,C2	110	257.7	14.4	1	33.9	773	20
Pfister	2565VT3Pro	VT3P	AC,P5	108	256.5	14.5	1	35.3	770	21
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	256.2	14.2	1	34.8	769	22
Pfister	2574RA	STX,B	CM,C2	110	254.4	14.4	1	35.8	763	23
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	254.0	14.8	1	34.8	762	24
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	253.6	14.5	1	32.9	761	25
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	252.6	14.8	1	36.3	758	26
Stine	R9631VT3Pro	VT3P,B	AC,P2	109	251.4	14.4	1	33.9	754	27
Prairie Brand	1121RA	STX,B	CM,C2	112	251.4	14.5	4	35.8	754	28
Pfister	2595RA	STX,B	CM,C2	111	250.9	14.3	1	31.9	753	29
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	250.6	14.4	1	32.9	752	30
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	247.6	14.5	4	35.8	743	34

Test Average = **255.0** 14.6 2 34.6 765

LSD (0.10) = 12.0 0.2 6

LSD (0.25) = 8.4 0.2 4

C.V. = 3.5 1.1

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

Test Comments: This location provided us with 2 very good looking tests. Stalks were standing well with little rodding at harvest. Ears had very sturdy cobs, strong ear shanks, and long ears with small seed depth. Some leaf blight was observed on plants. This was a great location to harvest. Steve stated that area corn was taking a long time to dry down but in the last week grain moistures dropped quickly.

† 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, 6.7 pH, 3.3% OM
 PEST MANAGEMENT: Outlook, Status, glyphosate, Force
 FERTILITY - Applied N: 171 Fall
 Applied N-P-K (units): 171-6-16
 SEEDED - RATE - ROW: May 5 32,000 /A 30" spacing
 HARVESTED - STAND: Nov 4 34,400 /A

Full-Season Test

113 - 116 Day CRM

B2014MONW32b

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	R1414VT2P	VT2P,B	AC,P5V	114	282.9	14.6	1	36.3	849	1
Wyffels	W7888RIB	STX,B	AC,P5V	114	267.6	15.1	1	35.8	802	2
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	266.2	15.2	1	34.8	797	3
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	263.9	14.9	2	31.4	792	4
Pfister	3488HR	HX,RR2	CM,C2	115	263.2	15.6	1	35.8	786	5
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	262.5	15.3	1	33.9	786	6
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	261.9	14.9	3	33.8	786	7
Pioneer	P1555CHR GC	OT	MQ,P1V	115	261.2	15.0	1	35.3	784	8
Titan Pro	2M14-SS	STX,B	AC,P5V	114	260.0	16.1	1	32.9	773	9
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	260.0	16.4	1	33.9	771	11
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113	257.3	14.5	1	32.9	772	10
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	256.6	16.6	1	34.8	760	18
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	256.4	15.3	1	33.8	767	13
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	256.2	14.5	1	35.8	769	12
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	255.1	15.4	1	35.8	763	14
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	254.8	16.1	1	32.9	757	19
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113	254.7	15.1	1	35.3	763	15
LG Seeds	LG5622STX	STX	AC,P5V	113	254.0	15.2	1	35.8	761	16
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	253.7	14.5	2	34.8	761	17
Augusta	A5565VT2Pro	VT2P	CM,C1	115	252.4	16.1	1	34.8	750	22
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	251.8	14.8	1	35.8	755	20
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	251.6	14.6	1	33.8	755	21
Augusta	A4564GENSS	STX	AC,P5V	114	249.4	16.8	1	33.9	737	26
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114	248.5	14.6	1	36.3	746	23
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	248.0	15.0	1	33.8	744	24
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	246.3	14.6	1	34.8	739	25
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	246.3	15.8	5	34.8	734	28
Pfister	2770RA	STX,B	CM,C2	113	246.1	15.4	9	34.8	736	27
Mycogen	2C799	STX,B	CM,C2	114	244.4	14.5	1	35.8	733	29
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	243.9	14.9	1	33.9	732	30
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	242.2	14.4	1	33.9	727	33
Test Average =					250.1	15.2	2	34.4	748	
LSD (0.10) =					12.7	0.5	9			
LSD (0.25) =					8.8	0.3	6			
C.V. =					3.7	2.2				

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Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6559STXRIB	STX,B	AC,P5V	113					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113					
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	R1415VT2P	VT2P,B	AC,P5V	115					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG5622STX	STX	AC,P5V	113					
Mycogen	2C788	STX,B	CM,C2	114					
Mycogen	2C799	STX,B	CM,C2	114					
Mycogen	2V779	STX,B	CM,C2	113					
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	2874RR	RR2	CM,C2	113					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pfister	3497SS	STX	CM,C1	116					
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112					
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113					
Pioneer	P1365AMX GC	AMX,B	MQ,P1V	113					
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114					
Pioneer	P1555CHR GC	OT	MQ,P1V	115					
Prairie Brand	1123RA	STX,B	CM,C2	113					
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116					
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116					
Stine	R9740VT3Pro	VT3P,B	AC,P2	113					
Stine	R9806EV3Pro	VT3P,B	AC,P2	114					
Titan Pro	2M13-2P	VT2P,B	AC,P2	113					
Titan Pro	2M14-SS	STX,B	AC,P5V	114					
Wyffels	W7736RIB	VT2P,B	AC,P5V	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					

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.