

# 2013 Corn Grain Top 30 Harvest Report

Missouri Northwest [ MONW ] CLEARFIELD  
Nathan Nickle, Taylor County, IA 50801



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

PREV. CROP/HERB: Soybean / Roundup  
SOIL DESCRIPTION: Colo-Judson-Nodaway silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: not available  
PEST MANAGEMENT: Roundup, Force  
FERTILITY - Applied N: 200 Fall, 25 Spring  
Applied N-P-K (units): 225-110-70  
SEDED - RATE - ROW: May 12 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 3 33,300 /A

## Early-Season Test

107 - 112 Day CRM  
B2013MONW32a

## 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
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	<b>217.1</b>	17.0	1	32.9	1,031	1
Augusta	A4658GT3110	3110	CE,C2	108	<b>215.1</b>	17.8	1	33.9	1,017	3
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	<b>214.9</b>	17.8	1	33.9	1,016	4
Lewis	R1409VT3P	VT3P,B	AC,P5V	109	<b>214.8</b>	16.9	1	34.8	1,021	2
Pfister	2672RA	STX,B	CM,C2	112	<b>214.8</b>	19.2	1	34.8	1,008	6
Pfister	2595RA	STX,B	CM,C2	111	<b>214.6</b>	17.7	1	34.8	1,016	5
Nutech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	210.2	17.2	1	35.8	997	7
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	209.8	17.5	1	32.9	994	8
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	208.7	17.3	1	33.4	990	9
Pfister	2574RA	STX,B	CM,C2	110	207.5	17.5	1	32.9	983	11
Mycogen	2V717	STX,B	CM,C2	111	205.4	18.2	1	29.4	969	13
Dyna-Gro	CX50VP43	VT3P	AC,P5V	110	204.9	17.7	1	33.9	970	12
FS InVISION	FS 61JX1	STX	AC,P5V	111	203.9	18.9	1	33.9	959	14
Kruger	K4R-9512	STX,B	AC,P5V	112	202.9	18.4	1	34.8	957	15
Nutech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	202.9	18.5	1	30.9	956	16
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	200.7	16.8	1	32.4	954	17
NuTech	5B-410	GT/CB/LL	MQ,C2	110	200.7	17.7	1	32.9	950	18
Stine	9631VT3Pro	VT3P	CM,C2	109	199.0	16.3	1	34.4	949	19
Mycogen	2V709	STX,B	CM,C2	110	198.9	18.5	1	34.8	937	20
Kruger	K4R-9911	STX,B	AC,P5V	110	195.9	17.2	1	31.9	930	21
Kruger	KR-7709	VT3P,B	AC,P5V	109	194.5	17.0	1	30.9	924	22
Nutech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	194.2	18.2	1	29.4	917	25
Mycogen	2V779	STX,B	CM,C2	112	194.2	19.3	1	32.9	911	27
Pfister	2547RA	STX,B	CM,C2	108	193.9	17.7	1	33.9	918	23
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	193.0	16.7	1	31.9	918	24
Stine	9632SS	STX	CM,C2	107	192.4	17.0	1	31.9	914	26
Nutech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	190.2	18.7	1	34.8	895	29
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	189.5	17.2	1	31.9	899	28
Kruger	K4R-9708	STX,B	AC,P5V	108	184.9	17.9	1	32.9	874	30
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	183.8	17.4	1	34.8	871	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	208.5	18.5	1	35.3	983	10

Test Average = **198.8** 17.6 1 **33.3** **941**

LSD (0.10) = 14.5 0.9 ns

C.V. = 5.4 3.9

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

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.80 Local GMO  
n/a non-GMO

**Test Comments:** Heavy rains after planting this plot impacted emergence and put the crop under stress from the start. Rainfall became limited in July and August and a period of high temperature added more stress. The crop looked very good and yielded well for the conditions. Some leaf minimal disease was observed. Ears had complete kernel sets. Plants stood very well at harvest but showed signs of weakness.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 11/7/2013 Revised:

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SOIL CONDITION: not available  
PEST MANAGEMENT: Roundup, Force  
FERTILITY - Applied N: 200 Fall, 25 Spring  
Applied N-P-K (units): 225-110-70  
SEEDED - RATE - ROW: May 12 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 3 33,200 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
B2013MONW32b

**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	R1414VT3P	VT3P,B	AC,P5V	114	<b>233.3</b>	18.5	1	32.9	1,099	1
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	<b>228.8</b>	18.3	1	33.3	1,079	2
Kruger	KR-7913	VT3P,B	AC,P5V	113	<b>220.0</b>	19.2	1	32.9	1,033	4
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114	<b>219.4</b>	18.5	1	31.9	1,034	3
Mycogen	2C797	STX	CM,C2	114	<b>219.2</b>	18.9	1	31.9	1,031	5
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	<b>218.0</b>	18.9	1	33.9	1,025	6
Nutech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	<b>217.7</b>	18.8	1	29.9	1,024	7
Mycogen	2C786	STX	CM,C2	114	<b>217.3</b>	20.3	1	32.9	1,014	9
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	<b>217.0</b>	19.2	1	34.8	1,019	8
Lewis	R1215VT3P	VT3P,B	AC,P5V	115	212.1	19.8	1	35.8	993	10
LG Seeds	LG5618STX	STX	AC,P5V	113	208.1	19.0	1	34.8	978	11
Pfister	2770RA	STX,B	CM,C2	113	203.7	20.4	1	32.9	950	13
Kruger	K4R-9315	STX,B	AC,P5V	115	203.3	21.7	1	33.8	942	15
Pfister	3488HR	HX,RR2	CM,C2	115	201.2	19.5	1	32.9	943	14
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	199.3	19.3	1	32.9	935	18
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	198.6	18.2	1	33.9	937	16
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	198.5	18.2	1	34.8	937	17
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	196.2	18.7	1	31.9	924	19
Kruger	K4R-9813	STX,B	AC,P5V	113	194.0	18.5	1	34.8	914	20
Nutech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	193.6	19.8	1	31.9	906	22
Pioneer	P1248AM GC	AM-R,B	MQ,P1V	112	192.9	18.8	1	32.9	908	21
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113	192.7	18.9	1	34.8	906	23
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	190.7	18.5	1	31.9	899	24
Dyna-Gro	D53VP61	VT3P	AC,P5V	113	187.6	18.3	1	33.9	885	25
Nutech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	186.6	18.0	1	32.9	882	26
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	185.9	18.0	1	32.9	878	27
Golden Harvest	G14R38-3000GT GC	3000GT	CM,C1	114	183.4	21.2	1	31.9	852	28
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	180.3	18.4	1	31.9	850	29
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	178.5	18.7	2	32.9	840	30
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	177.9	18.9	1	33.9	837	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	201.8	18.4	1	31.9	951	12
Test Average =					<b>197.7</b>	<b>19.0</b>	<b>1</b>	<b>33.2</b>	<b>929</b>	
LSD (0.10) =					16.0	0.8	1			
C.V. =					6.0	3.2				

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.80 Local GMO  
n/a non-GMO

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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	109					
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110					
Augusta	A4658GT3110	3110	CE,C2	108					
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108					
Dyna-Gro	CX50VP43	VT3P	AC,P5V	110					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107					
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109					
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110					
FS InVISION	FS 61JX1	STX	AC,P5V	111					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9911	STX,B	AC,P5V	110					
Kruger	KR-7709	VT3P,B	AC,P5V	109					
Lewis	1308VT3P	VT3P	AC,P2	108					
Lewis	R1409VT3P	VT3P,B	AC,P5V	109					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109					
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111					
Mycogen	2A749	STX,B	CM,C2	111					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
Mycogen	2V779	STX,B	CM,C2	112					
NuTech	5B-410	GT/CB/LL	MQ,C2	110					
Nutech/G2 Gen	5F-811AM	AM,B	MQ,C2	111					
Nutech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112					
Nutech/G2 Gen	5Z-612	OI	MQ,P1V,R	112					
Nutech/G2 Gen	5Z-709	OI	MQ,P1V,R	109					
Pfister	2547RA	STX,B	CM,C2	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	2672RA	STX,B	CM,C2	112					
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114					
Stine	9631VT3Pro	VT3P	CM,C2	109					
Stine	9632SS	STX	CM,C2	107					
Stine	9740VT3Pro	VT3P	CM,C2	110					

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

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A4564GENSS	STX	M,D,P5	114					
Augusta	A5565VT3Pro	VT3P	M,D,P5	114					
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113					
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114					
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115					
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115					
Dyna-Gro	D53VP61	VT3P	AC,P5V	113					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113					
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116					
Golden Harvest	G14R38-3000GT GC	3000GT	CM,C1	114					
Kruger	K4R-9315	STX,B	AC,P5V	115					
Kruger	K4R-9813	STX,B	AC,P5V	113					
Kruger	KR-4615	VT2P,B	AC,P5V	115					
Kruger	KR-7913	VT3P,B	AC,P5V	113					
Lewis	R1215VT3P	VT3P,B	AC,P5V	115					
Lewis	R1414VT3P	VT3P,B	AC,P5V	114					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5618STX	STX	AC,P5V	113					
Mycogen	2C786	STX	CM,C2	114					
Mycogen	2C797	STX	CM,C2	114					
Nutech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115					
Nutech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116					
Nutech/G2 Gen	5Z-113	OI	MQ,P1V,R	113					
Nutech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112					
Pioneer	P1248AM GC	AM-R,B	MQ,P1V	112					
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114					
Stine	R9739VT3Pro	VT3P,B	AC,P2	113					

## 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 F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,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)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

\*\* Seed treatments may include unspecified plant health promoting components.