

2013 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] UNION STAR
Ken Wells, Andrew County, MO 64494



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

PREV. CROP/HERB: Soybean / not provided
SOIL DESCRIPTION: Macksburg silty clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Soil information not provided
PEST MANAGEMENT: Information not provided
FERTILITY - Applied N: Information not provided
Applied N-P-K (units): Information not provided
SEEDED - RATE - ROW: May 19 32,000 /A 30" spacing
HARVESTED - STAND: Nov 10 33,700 /A

Early-Season Test

107 - 112 Day CRM
B2013MONW36a

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
Mycogen	2V717	STX,B	CM,C2	111	175.6	15.8	1	33.8	787	1
Nutech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	172.9	16.1	2	32.9	773	2
Lewis	1308VT3P	VT3P	AC,P2	108	171.8	15.8	1	34.8	770	3
Nutech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	169.8	15.8	1	34.8	761	4
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	165.5	15.3	1	33.9	744	5
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	163.0	16.1	1	33.9	729	7
Mycogen	2V709	STX,B	CM,C2	110	162.9	15.7	2	33.9	730	6
FS InVISION	FS 61JX1	STX	AC,P5V	111	162.3	16.5	1	34.8	724	9
Nutech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	162.2	15.8	1	32.9	727	8
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	158.3	15.2	1	32.9	712	10
Kruger	K4R-9911	STX,B	AC,P5V	110	157.5	15.7	1	33.9	706	11
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	155.5	15.6	1	32.9	697	13
Mycogen	2A749	STX,B	CM,C2	111	155.4	15.2	2	32.9	699	12
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	153.6	15.5	1	33.9	689	14
Augusta	A4658GT3110	3110	CE,C2	108	153.0	14.9	1	31.9	689	15
NuTech	5B-410	GT/CB/LL	MQ,C2	110	153.0	15.2	1	34.8	688	16
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	152.0	16.6	1	35.8	678	17
Kruger	KR-7709	VT3P,B	AC,P5V	109	148.7	15.7	1	30.9	667	18
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	147.9	15.4	1	33.9	664	19
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	147.5	14.7	1	33.9	664	20
Kruger	K4R-9512	STX,B	AC,P5V	112	146.9	16.0	1	31.9	657	22
Pfister	2595RA	STX,B	CM,C2	111	145.7	15.1	1	34.8	655	23
Kruger	K4R-9708	STX,B	AC,P5V	108	145.4	15.0	1	32.9	654	24
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	145.2	15.7	1	33.9	651	25
Pfister	2672RA	STX,B	CM,C2	112	143.3	15.4	2	34.8	643	26
Lewis	R1409VT3P	VT3P,B	AC,P5V	109	141.0	15.8	1	30.9	632	27
Mycogen	2V779	STX,B	CM,C2	112	140.7	15.3	1	32.9	632	28
Nutech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	139.8	16.1	1	33.9	625	29
Stine	9632SS	STX	CM,C2	107	139.3	15.6	1	35.8	625	30
Dyna-Gro	CX50VP43	VT3P	AC,P5V	110	136.9	15.1	1	31.9	616	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	147.2	15.7	1	34.8	660	21
Test Average =					150.5	15.5	1	33.7	675	
LSD (0.10) =					14.9	0.5	ns			
C.V. =					7.3	2.3				

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.50 Local GMO
n/a non-GMO

Test Comments: This site had short plants and some leaf disease. Evidence of stress during the growing season was seen throughout the test. Ear size varied considerably within a hybrid. Corn plants stood well at harvest but most of the tops were broken off. Cobs were sturdy making kernel shelling easy. Ear tips were pointed downward on most hybrids. Numerous attempts were made to obtain input information.

† 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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SOIL DESCRIPTION: Macksburg silty clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Soil information not provided
PEST MANAGEMENT: Information not provided
FERTILITY - Applied N: Information not provided
Applied N-P-K (units): Information not provided
SEEDED - RATE - ROW: May 19 32,000 /A 30" spacing
HARVESTED - STAND: Nov 10 33,500 /A

Full-Season Test
113 - 116 Day CRM
B2013MONW36b

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	A5565VT3Pro	VT3P	M,D,P5	114	174.1	17.1	1	32.9	774	1
Pfister	2770RA	STX,B	CM,C2	113	168.1	16.9	1	34.8	748	2
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	166.0	17.5	1	35.3	737	4
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114	165.6	16.7	1	31.9	738	3
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113	164.6	16.7	1	34.8	734	5
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	164.3	16.7	1	32.9	732	6
Kruger	K4R-9315	STX,B	AC,P5V	115	164.1	16.9	1	33.9	731	7
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	163.5	17.2	1	31.9	727	8
Lewis	R1414VT3P	VT3P,B	AC,P5V	114	162.5	17.3	1	34.8	722	9
LG Seeds	LG5618STX	STX	AC,P5V	113	161.0	17.1	1	33.4	716	11
Pioneer	P1248AM GC	AM-R,B	MQ,P1V	112	161.0	17.2	1	32.9	716	12
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	160.0	17.2	1	34.8	711	14
Kruger	KR-7913	VT3P,B	AC,P5V	113	159.9	16.8	1	34.8	712	13
Nutech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	159.6	17.4	2	33.9	709	16
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	159.4	17.0	1	32.9	709	17
Dyna-Gro	D53VP61	VT3P	AC,P5V	113	159.2	16.4	1	34.8	711	15
Mycogen	2C786	STX	CM,C2	114	158.3	17.1	1	31.9	704	20
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	158.0	16.6	1	31.9	705	18
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	157.7	16.3	1	30.9	705	19
Mycogen	2C797	STX	CM,C2	114	157.6	16.5	1	32.9	703	21
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	157.0	17.0	1	35.8	699	22
Kruger	KR-4615	VT2P,B	AC,P5V	115	156.4	16.9	1	34.8	696	23
Kruger	K4R-9813	STX,B	AC,P5V	113	154.0	16.7	1	30.4	686	24
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115	153.6	16.7	1	34.8	685	25
Lewis	R1215VT3P	VT3P,B	AC,P5V	115	152.0	17.2	1	32.9	676	26
Golden Harvest	G14R38-3000GT GC	3000GT	CM,C1	114	150.2	16.8	1	33.9	669	28
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	150.0	16.0	1	34.4	671	27
Augusta	A4564GENSS	STX	M,D,P5	114	148.6	16.9	1	34.8	662	29
Nutech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	143.9	16.1	1	33.9	644	30
Pfister	3488HR	HX,RR2	CM,C2	115	143.5	16.0	1	32.9	642	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	161.0	16.6	1	33.9	718	10

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Test Average = **154.9** **16.8** **1** **33.5** **690**
LSD (0.10) = 17.1 0.8 ns
C.V. = 8.1 3.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.50 Local GMO
n/a non-GMO

Test Comments: *This site had short plants and some leaf disease. Evidence of stress during the growing season was seen throughout the test. Ear size varied considerably within a hybrid. Corn plants stood well at harvest but most of the tops were broken off. Cobs were sturdy making kernel shelling easy. Ear tips were pointed downward on most hybrids. Numerous attempts were made to obtain input information.*

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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					

2013 Corn Grain - Missouri Northwest [MONW]



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.