

2013 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] FARRAGUT
Steve Lorimor, Fremont County, IA 51639



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

PREV. CROP/HERB: Corn, 2+ yr / Corvus, Atrazine, Roundup
SOIL DESCRIPTION: Kennebec silt loam, mod. well drained, minimum w/ fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 3.4% OM
PEST MANAGEMENT: Corvus, Atrazine, Roundup, Force
FERTILITY - Applied N: 21 Fall, 150 Spring, 60 Side
Applied N-P-K (units): 231-16-24
SEDED - RATE - ROW: May 12 35,000 /A 30" spacing
HARVESTED - STAND: Oct 25 34,100 /A

Early-Season Test
107 - 112 Day CRM
B2013MONW34a

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
Kruger	KR-7709	VT3P,B	AC,P5V	109	235.1	15.8	1	34.4	1,053	2
Lewis	1308VT3P	VT3P	AC,P2	108	232.0	15.4	1	32.9	1,042	3
Augusta	A4658GT3110	3110	CE,C2	108	232.0	16.2	23	32.9	1,037	5
Mycogen	2V717	STX,B	CM,C2	111	231.6	15.9	10	36.3	1,037	6
Lewis	R1409VT3P	VT3P,B	AC,P5V	109	231.4	15.6	1	34.8	1,038	4
Nutech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	230.6	16.9	5	33.9	1,027	7
Stine	9740VT3Pro	VT3P	CM,C2	110	228.3	16.1	1	35.8	1,021	8
Pfister	2672RA	STX,B	CM,C2	112	227.5	15.7	1	32.9	1,020	9
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	226.8	15.4	1	32.9	1,018	10
Nutech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	226.2	16.6	1	34.3	1,009	11
LG Seeds	LG560VT3P	VT3P	AC,P5V	111	224.9	16.3	10	34.8	1,005	12
Mycogen	2V709	STX,B	CM,C2	110	224.4	16.0	3	35.3	1,004	13
Kruger	K4R-9512	STX,B	AC,P5V	112	223.1	16.4	1	36.3	996	14
Mycogen	2A749	STX,B	CM,C2	111	222.3	16.4	1	34.8	993	15
FS InVISION	FS 61JX1	STX	AC,P5V	111	221.2	16.1	1	33.9	989	16
Pfister	2595RA	STX,B	CM,C2	111	220.9	16.3	1	35.8	987	17
Mycogen	2V779	STX,B	CM,C2	112	219.8	16.7	1	33.9	980	20
Stine	9632SS	STX	CM,C2	107	219.6	15.4	1	33.9	986	18
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	218.8	15.9	1	36.3	980	21
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	218.3	15.3	4	31.9	981	19
Kruger	K4R-9911	STX,B	AC,P5V	110	218.0	15.3	4	32.9	979	22
Pfister	2574RA	STX,B	CM,C2	110	216.7	16.3	16	33.9	968	25
Stine	9631VT3Pro	VT3P	CM,C2	109	215.9	15.2	1	35.3	970	23
Nutech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	215.9	15.2	12	35.8	970	24
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	215.1	15.6	1	33.9	965	26
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	214.2	16.4	1	30.9	956	27
Pfister	2547RA	STX,B	CM,C2	108	209.7	16.1	2	33.8	938	28
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	208.7	15.5	1	34.4	937	29
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	207.4	14.8	2	34.3	933	30
NuTech	5B-410	GT/CB/LL	MQ,C2	110	206.5	15.0	1	33.9	929	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	236.4	16.7	1	33.4	1,054	1

Test Average = **219.1** **15.9** **3** **34.1** **981**
LSD (0.10) = 12.3 0.5 ns
C.V. = 4.1 2.2

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

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

Test Comments: *This test site was corn on corn for over 2 years and performed very well. Plants were tall with some leaf blemishes (disease). Stalks were starting to show stress as some stalk lodging was noted. Ears were well pollinated, large and heavy with strong cobs. Some hybrids had weak ear shanks, not ideal for large heavy ears. Overall, the test harvested very easily.*

† 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: 10/26/2013 Revised:

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PEST MANAGEMENT: Corvus, Atrazine, Roundup, Force
FERTILITY - Applied N: 21 Fall, 150 Spring, 60 Side
Applied N-P-K (units): 231-16-24
SEDED - RATE - ROW: May 12 35,000 /A 30" spacing
HARVESTED - STAND: Oct 25 34,000 /A

Full-Season Test
113 - 116 Day CRM
B2013MONW34b

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
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	252.3	16.8	1	34.8	1,124	1
LG Seeds	LG5618STX	STX	AC,P5V	113	251.4	16.5	1	34.8	1,122	2
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	242.4	16.3	1	32.9	1,083	3
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113	238.7	17.4	1	34.8	1,060	6
Kruger	KR-7913	VT3P,B	AC,P5V	113	238.4	16.1	1	33.9	1,066	4
Nutech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	238.0	16.2	1	33.9	1,064	5
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	235.5	16.3	1	34.8	1,052	7
Pfister	2770RA	STX,B	CM,C2	113	235.2	17.8	1	32.9	1,042	8
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113	233.1	16.2	1	33.8	1,042	9
Nutech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	231.5	16.2	2	34.8	1,035	10
Augusta	A4564GENSS	STX	M,D,P5	114	231.3	17.6	1	35.8	1,026	11
Lewis	R1215VT3P	VT3P,B	AC,P5V	115	228.5	16.6	1	33.4	1,019	13
Mycogen	2C797	STX	CM,C2	114	228.0	15.8	1	34.8	1,021	12
Kruger	KR-4615	VT2P,B	AC,P5V	115	227.7	16.2	1	34.8	1,018	14
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	226.0	16.7	1	32.9	1,007	16
Dyna-Gro	D53VP61	VT3P	AC,P5V	113	225.2	16.1	1	31.4	1,007	17
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	224.8	15.7	4	34.8	1,008	15
Lewis	R1414VT3P	VT3P,B	AC,P5V	114	224.7	15.9	1	33.8	1,006	18
Mycogen	2C786	STX	CM,C2	114	224.2	17.1	2	33.8	997	22
Kruger	K4R-9315	STX,B	AC,P5V	115	224.0	18.3	1	34.8	990	24
Golden Harvest	G14R38-3000GT GC	3000GT	CM,C1	114	223.7	17.0	1	34.8	995	23
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	223.6	15.9	1	33.8	1,001	19
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	223.6	16.0	1	34.4	1,001	20
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	222.8	15.4	1	35.8	1,000	21
Nutech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	220.4	16.4	1	32.9	984	27
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	220.3	16.0	1	33.9	986	26
Pfister	3488HR	HX,RR2	CM,C2	115	219.8	17.7	1	33.4	974	28
Nutech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	217.9	16.8	4	32.9	971	29
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115	217.8	16.8	1	36.3	970	30
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	216.1	15.8	1	33.9	968	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	221.2	16.5	1	33.9	987	25
Test Average =					226.2	16.5	1	34.0	1,010	
LSD (0.10) =					11.1	0.5	ns			
C.V. =					3.6	2.2				

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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.