

2013 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 / Roundup, Cobra
 SOIL DESCRIPTION: Haig silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.2% OM
 PEST MANAGEMENT: Realm Q, Atrazine, Fastrack, Force 3G
 FERTILITY - Applied N: 145 Fall
 Applied N-P-K (units): 145-28-36
 SEEDING - RATE - ROW: May 15 29,000 /A 30" spacing
 HARVESTED - STAND: Oct 6 27,500 /A

Early-Season Test

107 - 112 Day CRM
 B2013MONW33a

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
Stine	9740VT3Pro	VT3P	CM,C2	110	129.8	14.8	1	24.9	584	1
Kruger	KR-7709	VT3P,B	AC,P5V	109	123.9	14.5	1	29.9	558	3
Stine	9631VT3Pro	VT3P	CM,C2	109	123.2	14.5	1	26.9	554	4
Kruger	K4R-9708	STX,B	AC,P5V	108	122.1	14.7	1	24.4	549	5
Mycogen	2A749	STX,B	CM,C2	111	121.0	14.7	6	26.9	545	6
NuTech	5B-410	GT/CB/LL	MQ,C2	110	120.9	13.7	1	27.9	544	7
Nutech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	119.2	15.7	1	28.9	534	9
Lewis	1308VT3P	VT3P	AC,P2	108	119.1	14.2	1	27.9	536	8
Dyna-Gro	CX50VP43	VT3P	AC,P5V	110	118.5	14.2	1	25.9	533	10
Pfister	2672RA	STX,B	CM,C2	112	118.5	13.9	2	25.9	533	11
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	118.2	14.5	1	28.9	532	12
Augusta	A4658GT3110	3110	CE,C2	108	117.8	14.6	6	28.9	530	13
Mycogen	2V717	STX,B	CM,C2	111	117.6	14.9	26	24.9	529	14
Lewis	R1409VT3P	VT3P,B	AC,P5V	109	117.5	14.4	11	28.9	529	15
Pfister	2595RA	STX,B	CM,C2	111	117.4	14.2	4	25.9	528	16
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	116.0	14.0	1	26.9	522	17
Nutech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	114.9	14.4	1	24.9	517	18
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	113.0	14.0	1	27.9	509	19
Kruger	K4R-9911	STX,B	AC,P5V	110	112.7	14.6	1	26.9	507	20
Pfister	2574RA	STX,B	CM,C2	110	112.3	14.4	1	26.9	505	21
Pfister	2547RA	STX,B	CM,C2	108	111.1	14.7	3	27.9	500	22
Mycogen	2V709	STX,B	CM,C2	110	110.7	14.5	1	26.9	498	23
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	109.9	14.1	1	25.9	495	24
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	109.8	13.7	1	26.9	494	25
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	108.2	14.8	1	27.9	487	26
Mycogen	2V779	STX,B	CM,C2	112	107.3	14.2	1	27.9	483	27
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	106.5	14.6	1	26.9	479	28
FS InVISION	FS 61JX1	STX	AC,P5V	111	105.6	15.2	1	29.9	475	29
Nutech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	105.5	15.4	1	27.9	474	30
Kruger	K4R-9512	STX,B	AC,P5V	112	105.4	15.1	1	29.4	474	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	129.2	15.2	1	28.9	581	2
Test Average =					113.9	14.5	3	27.5	513	
LSD (0.10) =					10.8	0.7	9			
C.V. =					6.9	3.6				

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

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 location was one of the first sites planted. It was hit with rain shortly after crop emergence which caused pooling many times. The middle and late season was dry and hot. These conditions had a major yield impact on this test and surrounding fields. Corn plants were short statured. If any lodging was observed it was stalk related. Ears were short, well pollinated but had very small seed.

† 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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 PEST MANAGEMENT: Realm Q, Atrazine, Fastrack, Force 3G
 FERTILITY - Applied N: 145 Fall
 Applied N-P-K (units): 145-28-36
 SEEDED - RATE - ROW: May 15 29,000 /A 30" spacing
 HARVESTED - STAND: Oct 6 27,300 /A

Full-Season Test
113 - 116 Day CRM
 B2013MONW33b

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	2C797	STX	CM,C2	114	120.3	14.7	1	25.9	541	1
Nutech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	111.1	16.0	1	27.9	497	3
Pioneer	P1248AM GC	AM-R,B	MQ,P1V	112	109.3	15.0	1	25.9	492	4
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113	109.0	14.8	1	27.9	491	5
Kruger	K4R-9813	STX,B	AC,P5V	113	108.8	15.1	1	28.9	489	6
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	108.5	14.5	1	27.9	488	7
Kruger	KR-7913	VT3P,B	AC,P5V	113	108.2	14.3	1	27.9	487	8
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	107.4	16.6	1	26.9	479	10
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	106.9	14.5	1	25.9	481	9
Lewis	R1215VT3P	VT3P,B	AC,P5V	115	106.7	16.3	1	26.9	477	11
Dyna-Gro	D53VP61	VT3P	AC,P5V	113	106.1	14.7	1	27.9	477	12
Pfister	2770RA	STX,B	CM,C2	113	106.1	15.4	1	25.9	476	13
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113	104.8	15.9	1	28.9	469	14
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	103.0	16.9	1	26.9	459	15
Nutech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	102.1	15.5	1	26.9	458	16
Kruger	K4R-9315	STX,B	AC,P5V	115	101.6	15.8	1	26.9	455	17
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	101.1	14.7	1	28.9	455	18
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	100.7	15.5	1	27.9	452	19
Golden Harvest	G14R38-3000GT GC	3000GT	CM,C1	114	100.6	15.3	1	28.9	452	20
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114	99.8	14.6	1	27.9	449	21
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	99.6	14.5	1	28.9	448	22
LG Seeds	LG5618STX	STX	AC,P5V	113	97.9	14.7	1	26.9	441	23
Lewis	R1414VT3P	VT3P,B	AC,P5V	114	97.8	14.9	2	25.9	440	24
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	97.8	15.6	1	26.9	439	25
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	97.5	16.3	1	24.9	436	27
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	97.1	15.1	1	26.9	437	26
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	96.4	15.3	1	26.9	433	28
Mycogen	2C786	STX	CM,C2	114	95.8	14.8	1	25.9	431	29
Pfister	3488HR	HX,RR2	CM,C2	115	95.5	14.0	1	26.9	430	30
Nutech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	94.7	14.9	1	27.9	426	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	111.6	15.3	1	27.9	501	2

Test Average = **101.8** **15.2** **1** **27.3** **457**
 LSD (0.10) = 10.1 1.1 ns
 C.V. = 7.3 5.3

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2013 Corn Grain - Missouri Northwest [MONW]



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.