

2013 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] GRAHAM

Tim & Andrew Lance, Nodaway County, MO 64423



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

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Sharpsburg silty clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 7.1 pH, 3.3% OM
 PEST MANAGEMENT: Corvus, Roundup, Lorsban, Headline Amp, Force
 FERTILITY - Applied N: 136 Spring
 Applied N-P-K (units): 136-36-30
 SEEDING - RATE - ROW: May 19 35,000 /A 30" spacing
 HARVESTED - STAND: Oct 27 32,600 /A

Early-Season Test

107 - 112 Day CRM
 B2013MONW35a

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	254.5	17.6	1	32.9	1,205	1
Nutech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	248.0	18.0	1	30.9	1,172	2
Augusta	A4658GT3110	3110	CE,C2	108	247.4	17.9	1	32.4	1,170	3
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	245.8	17.4	1	33.9	1,165	4
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	243.8	17.2	1	32.9	1,157	5
Lewis	R1409VT3P	VT3P,B	AC,P5V	109	243.8	17.5	1	33.9	1,155	6
FS InVISION	FS 61JX1	STX	AC,P5V	111	243.8	18.8	1	31.9	1,147	7
Nutech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	243.6	18.9	1	32.9	1,146	8
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	240.9	16.8	1	32.9	1,145	9
Kruger	K4R-9512	STX,B	AC,P5V	112	239.1	18.8	1	30.9	1,125	10
Lewis	1308VT3P	VT3P	AC,P2	108	236.8	17.4	1	31.9	1,122	11
NuTech	5B-410	GT/CB/LL	MQ,C2	110	236.5	17.4	1	30.9	1,121	12
Mycogen	2V717	STX,B	CM,C2	111	236.2	18.0	1	31.9	1,116	14
Stine	9632SS	STX	CM,C2	107	235.5	16.8	1	30.4	1,120	13
Pfister	2574RA	STX,B	CM,C2	110	235.5	17.8	1	32.9	1,114	16
Kruger	K4R-9708	STX,B	AC,P5V	108	234.8	16.9	1	32.9	1,116	15
Nutech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	234.1	17.5	1	32.9	1,109	17
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	232.1	17.6	1	32.9	1,099	19
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	231.0	16.6	1	33.9	1,100	18
Pfister	2672RA	STX,B	CM,C2	112	228.2	18.2	1	31.9	1,077	21
Dyna-Gro	CX50VP43	VT3P	AC,P5V	110	227.5	17.6	1	31.9	1,077	22
Nutech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	227.2	18.2	1	34.8	1,072	23
Mycogen	2V779	STX,B	CM,C2	112	226.9	18.9	1	33.9	1,067	25
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	226.2	17.8	1	34.8	1,070	24
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	223.8	18.2	1	32.9	1,056	26
Stine	9740VT3Pro	VT3P	CM,C2	110	222.7	18.9	1	33.8	1,047	30
Mycogen	2A749	STX,B	CM,C2	111	222.2	18.7	1	31.9	1,046	31
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	222.0	17.0	1	31.9	1,055	27
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	221.8	17.8	1	34.8	1,049	29
Kruger	K4R-9911	STX,B	AC,P5V	110	221.1	16.8	1	31.9	1,051	28
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	228.8	18.4	1	34.8	1,079	20

Test Average = **230.1** 17.8 1 **32.6** **1,088**

LSD (0.10) = 12.1 0.8 ns

C.V. = 3.9 3.1

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: This test site received heavy rains just before planting, after that, timely rainfall helped excel this site to produce very good yields. Ears were large and filled with kernels to the tips. Kernel depth was very good. Plants were still strong and standing very well at harvest. Some corn borer damage could be seen. Strong cobs made shelling kernels off easy.

† 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: Corvus, Roundup, Lorsban, Headline Amp, Force
 FERTILITY - Applied N: 136 Spring
 Applied N-P-K (units): 136-36-30
 SEEDING - RATE - ROW: May 19 35,000 /A 30" spacing
 HARVESTED - STAND: Oct 27 32,900 /A

Full-Season Test
113 - 116 Day CRM
 B2013MONW35b

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	274.4	20.2	1	31.9	1,281	1
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	269.1	19.2	1	34.8	1,263	2
Kruger	KR-7913	VT3P,B	AC,P5V	113	261.4	18.6	1	32.9	1,231	3
Kruger	K4R-9315	STX,B	AC,P5V	115	260.9	20.1	1	34.8	1,219	4
Lewis	R1414VT3P	VT3P,B	AC,P5V	114	259.1	19.3	1	35.8	1,216	5
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	258.1	18.5	1	32.9	1,216	6
Nutech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	254.7	19.9	1	32.9	1,191	8
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	254.1	19.3	1	32.9	1,192	7
Kruger	KR-4615	VT2P,B	AC,P5V	115	250.8	19.2	1	31.9	1,178	9
Nutech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	249.5	20.0	1	32.9	1,166	10
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113	248.7	21.4	1	31.9	1,154	12
Pfister	3488HR	HX,RR2	CM,C2	115	247.2	22.3	1	32.9	1,141	14
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	246.8	19.0	1	30.9	1,160	11
Nutech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	244.6	20.2	1	32.9	1,142	13
Lewis	R1215VT3P	VT3P,B	AC,P5V	115	243.4	19.6	1	33.8	1,140	15
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113	240.5	18.7	1	32.9	1,132	16
Augusta	A4564GENSS	STX	M,D,P5	114	240.5	21.3	1	34.8	1,117	18
LG Seeds	LG5618STX	STX	AC,P5V	113	239.6	19.6	1	31.9	1,123	17
Kruger	K4R-9813	STX,B	AC,P5V	113	237.2	19.1	1	33.9	1,114	20
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	237.1	19.7	1	32.9	1,110	21
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114	236.5	18.0	1	32.9	1,117	19
Golden Harvest	G14R38-3000GT GC	3000GT	CM,C1	114	235.4	20.7	1	31.9	1,096	23
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	233.9	18.3	1	32.9	1,103	22
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	232.9	19.3	1	32.9	1,093	24
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115	229.2	20.4	1	33.8	1,069	28
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	228.6	18.8	1	32.4	1,076	26
Mycogen	2C797	STX	CM,C2	114	228.5	19.4	1	31.9	1,072	27
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	226.7	19.5	1	32.9	1,063	29
Dyna-Gro	D53VP61	VT3P	AC,P5V	113	222.4	17.9	1	31.9	1,051	30
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	220.9	18.2	1	33.9	1,043	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	228.6	18.3	1	32.9	1,078	25

Test Average = **239.6** **19.5** **1** **32.9** **1,123**
 LSD (0.10) = 15.2 0.6 ns
 C.V. = 4.6 2.4

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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					

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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.