

2013 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] JAMESPORT
 Tim Flory, Daviess County, MO 64648



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

PREV. CROP/HERB: Soybean/wheat / Roundup
 SOIL DESCRIPTION: Grundy-Seymour silt loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Mod. High P, moderate K, 6.6 pH, 2.5% OM
 PEST MANAGEMENT: Roundup, Realm Q, Atrazine, Between, Ammonium Sulfate, Brigade, Force 3G
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-18-54
 SEEDED - RATE - ROW: May 15 33,000 /A 30" spacing
 HARVESTED - STAND: Oct 8 32,500 /A

Early-Season Test
107 - 112 Day CRM
 B2013MONW31a

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
Pfister	2672RA	STX,B	CM,C2	112	81.9	14.8	1	31.9	369	1
NuTech	5B-410	GT/CB/LL	MQ,C2	110	81.0	14.5	1	32.4	365	2
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	79.3	14.6	1	33.4	357	3
Kruger	K4R-9708	STX,B	AC,P5V	108	78.3	14.9	1	30.9	352	4
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	77.6	15.4	1	34.9	348	5
Stine	9740VT3Pro	VT3P	CM,C2	110	76.6	14.9	1	29.9	345	6
Lewis	R1409VT3P	VT3P,B	AC,P5V	109	75.4	14.8	1	32.9	339	7
Mycogen	2V717	STX,B	CM,C2	111	71.8	14.8	1	29.9	323	8
Mycogen	2V709	STX,B	CM,C2	110	71.6	15.0	1	34.4	322	9
Pfister	2595RA	STX,B	CM,C2	111	70.0	14.8	1	34.4	315	10
Pfister	2574RA	STX,B	CM,C2	110	68.1	14.7	1	34.4	306	11
Mycogen	2V779	STX,B	CM,C2	112	67.6	14.1	1	33.4	304	13
Nutech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	67.5	14.1	1	33.9	304	14
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	67.3	14.5	1	31.9	303	15
Lewis	1308VT3P	VT3P	AC,P2	108	67.2	14.7	1	31.4	302	16
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	66.4	15.6	1	32.9	298	17
Stine	9631VT3Pro	VT3P	CM,C2	109	66.2	14.8	1	32.9	298	18
Kruger	K4R-9911	STX,B	AC,P5V	110	64.1	14.4	1	33.9	288	19
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	63.8	14.7	1	33.9	287	20
Pfister	2547RA	STX,B	CM,C2	108	63.7	14.9	1	31.9	287	21
Mycogen	2A749	STX,B	CM,C2	111	63.6	14.3	1	31.9	286	22
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	62.4	15.4	1	32.4	280	23
Dyna-Gro	CX50VP43	VT3P	AC,P5V	110	61.2	15.0	1	30.9	275	24
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	61.1	14.4	1	31.9	275	25
Kruger	KR-7709	VT3P,B	AC,P5V	109	60.4	14.3	1	28.9	272	26
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	59.6	13.8	1	33.4	268	27
FS InVISION	FS 61JX1	STX	AC,P5V	111	58.9	15.7	1	31.9	264	28
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	58.4	14.8	1	33.9	263	29
Stine	9632SS	STX	CM,C2	107	56.9	14.2	1	33.4	256	30
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	55.5	14.4	1	30.9	250	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	68.0	15.4	1	32.9	305	12

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

Test Average = **65.1** **14.8** **1** **32.5** **293**
 LSD (0.10) = 10.9 0.8 ns
 C.V. = 12.3 4.1

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 plot received almost every stress you can think of. A wet cool spring before and after planting followed by a hot dry mid and late-season. Plant height was very short and very little brace root development. Stalks were small in diameter but stood well. Ears were very short with tip back and small seed. Tim stated he had never seen ear placement so low to the ground. Harvest was a challenge here.*

† 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: 10/9/2013 Revised:

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 PEST MANAGEMENT: Roundup, Realm Q, Atrazine, Between, Ammonium Sulfate, Brigade, Force 3G
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-18-54
 SEEDED - RATE - ROW: May 15 33,000 /A 30" spacing
 HARVESTED - STAND: Oct 8 32,600 /A

Full-Season Test
113 - 116 Day CRM
 B2013MONW31b

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
Nutech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	87.3	15.5	1	31.9	392	1
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	87.0	16.0	1	32.9	389	2
Kruger	K4R-9813	STX,B	AC,P5V	113	84.4	16.4	1	32.9	377	3
LG Seeds	LG2641VT3PRIB	VT3P,B	AC,P5V	114	83.4	16.7	1	32.9	372	4
Mycogen	2C786	STX	CM,C2	114	82.1	15.7	1	31.9	368	5
Pioneer	P1248AM GC	AM-R,B	MQ,P1V	112	80.1	15.8	1	30.9	359	6
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	79.7	17.5	1	33.9	354	7
LG Seeds	LG5618STX	STX	AC,P5V	113	78.1	17.5	1	31.9	347	8
Kruger	K4R-9315	STX,B	AC,P5V	115	74.2	17.5	1	33.4	329	9
Kruger	KR-7913	VT3P,B	AC,P5V	113	73.2	14.9	1	33.4	329	10
Nutech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	71.0	17.0	1	32.9	316	11
Pfister	2770RA	STX,B	CM,C2	113	70.2	14.8	1	31.9	316	12
Golden Harvest	G14R38-3000GT GC	3000GT	CM,C1	114	70.0	17.2	1	33.4	311	15
Mycogen	2C797	STX	CM,C2	114	69.9	14.6	1	32.4	315	13
Lewis	R1414VT3P	VT3P,B	AC,P5V	114	69.7	14.9	1	33.9	314	14
Lewis	R1215VT3P	VT3P,B	AC,P5V	115	68.7	18.3	1	33.9	303	17
Kruger	KR-4615	VT2P,B	AC,P5V	115	68.5	16.8	1	32.4	305	16
Dyna-Gro	D53VP61	VT3P	AC,P5V	113	67.0	15.8	1	32.4	300	18
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	66.9	16.2	1	31.9	299	19
Nutech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	66.3	15.3	1	33.9	298	20
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	66.0	16.7	1	30.9	294	22
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113	65.5	16.7	1	31.4	292	23
Nutech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	64.9	15.8	1	33.9	291	24
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	62.7	16.8	1	32.9	279	25
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	61.8	15.5	1	32.9	277	26
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	61.7	15.5	1	30.9	277	27
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	61.5	16.5	1	31.9	274	28
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	61.2	17.9	1	31.4	271	29
Pfister	3488HR	HX,RR2	CM,C2	115	59.8	14.6	1	33.4	269	30
Augusta	A4564GENSS	STX	M,D,P5	114	58.8	17.8	1	31.9	260	31
Pioneer	P1498AM CK	AM-R,B	MQ,P1V	114	66.4	16.0	1	32.4	297	21

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Test Average = **68.1** **16.3** **1** **32.6** **304**
 LSD (0.10) = 13.7 1.3 ns
 C.V. = 14.7 5.7

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 plot received almost every stress you can think of. A wet cool spring before and after planting followed by a hot dry mid and late-season. Plant height was very short and very little brace root development. Stalks were small in diameter but stood well. Ears were very short with tip back and small seed. Tim stated he had never seen ear placement so low to the ground. Harvest was a challenge here.*

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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.