

2013 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] KAHOKA
Steve Weaver, Clark County, MO 63445



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Soybean / Valor, Prefix, Touchdown
SOIL DESCRIPTION: Edina/Adco silt loam, moderately drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 2.8% OM
PEST MANAGEMENT: Lexar, Force, Warrior, Quilt XL
FERTILITY - Applied N: 161 Fall, 30 Spring, 40 Side
Applied N-P-K (units): 231-92-0
SEEDED - RATE - ROW: May 18 35,100 /A 30" spacing
HARVESTED - STAND: Oct 1 34,600 /A

Early-Season Test

107 - 112 Day CRM
B2013MONE21a

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
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	182.2	18.6	5	33.5	891	2
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	180.0	15.5	5	36.2	897	1
Augusta	A4658GT3110	3110	CE,C2	108	179.6	16.5	2	36.2	890	3
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	179.4	18.7	2	36.2	877	6
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	178.3	20.6	1	36.2	862	9
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	178.0	17.3	2	34.4	878	5
Lewis	R1407SS	STX,B	AC,P5V	107	177.6	16.6	2	34.4	879	4
Stine	9740VT3Pro	VT3P	CM,C2	110	176.5	17.2	2	39.0	871	7
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	175.8	17.5	1	35.3	866	8
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	174.8	19.1	2	37.1	852	10
Green Valley	GV8033VT3P	VT3P	AC,P5V	110	172.9	17.6	3	33.4	851	11
Stine	9631VT3Pro	VT3P	CM,C2	109	170.8	16.3	2	32.6	847	13
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	170.5	15.6	6	37.1	849	12
Renk	RK880SSTX	STX,B	AC,P5V	112	169.9	16.2	6	35.3	843	15
Pfister	2595RA	STX,B	CM,C2	111	169.5	17.3	6	36.2	836	16
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	169.0	15.1	3	33.5	844	14
Kruger	KR-7709	VT3P,B	AC,P5V	109	168.5	17.5	2	36.2	830	19
Lewis	1308VT3P	VT3P	AC,P2	108	168.1	16.5	2	36.2	833	17
Pfister	2574RA	STX,B	CM,C2	110	167.0	17.8	2	33.5	821	20
Renk	RK860VT3P	VT3P	AC,P2	111	166.4	18.5	2	29.8	815	21
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	166.1	14.9	5	33.4	831	18
Green Valley	GV8243VT3P	VT3P	AC,P5V	111	165.5	20.0	2	31.6	803	26
Kruger	K4R-9708	STX,B	AC,P5V	108	163.5	16.5	2	31.6	810	23
Kruger	K4R-9911	STX,B	AC,P5V	110	163.3	16.5	1	31.6	809	24
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	162.3	14.4	2	32.5	812	22
Renk	RK809GTCBLLRW	3000GT	CE,C2	110	162.1	15.4	2	37.1	809	25
NuTech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	161.7	20.2	1	36.2	783	27
Kruger	K4R-9512	STX,B	AC,P5V	112	160.2	19.5	1	33.5	779	30
Pfister	2524SS	STX	CM,C2	108	157.4	16.5	1	35.3	780	29
NuTech	5B-410	GT/CB/LL	MQ,C2	110	156.2	15.0	2	32.5	781	28
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	155.3	18.8	1	32.6	759	35

beyers@frontiernet.net, (815) 985-7369

Test Average = **167.2** **17.3** **3** **34.6** **825**
LSD (0.10) = 12.2 0.9 3
C.V. = 5.4 3.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$5.00 Local GMO
n/a non-GMO

Test Comments: Most of the lower half of the plant still had good stalk quality, but a late season wind storm blew all the tops out of the plants. There was evidence of Anthracnose present at harvest. All lodging noted was from stalk lodging. Kernel size was small due to the lack of rain during grain fill. The test got off to a great start with excellent emergence receiving some timely rainfalls carrying it into pollination.

† 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: 10/2/2013 Revised:

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 FERTILITY - Applied N: 161 Fall, 30 Spring, 40 Side
 Applied N-P-K (units): 231-92-0
 SEEDED - RATE - ROW: May 18 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 1 34,200 /A

Full-Season Test
113 - 116 Day CRM
 B2013MONE21b

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	A4564GENSS	STX	M,D,P5	114	173.2	20.3	1	35.3	838	1
Kruger	KR-4615	VT2P,B	AC,P5V	115	171.9	19.9	2	34.4	834	2
Renk	RK930VT3P	VT3P	AC,P2	115	171.7	21.0	4	32.5	828	5
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	171.2	19.5	3	33.5	833	3
NuTech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	169.9	20.2	2	33.5	823	6
Kruger	K4R-9813	STX,B	AC,P5V	113	168.0	20.1	2	36.2	814	7
Renk	RK941VT3P	VT3P	AC,P2	114	167.7	20.6	2	34.4	810	8
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	167.3	16.4	4	34.4	829	4
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	167.3	20.8	4	36.2	807	10
Lewis	R1313VT2P	VT2P,B	AC,P5V	113	165.1	19.3	1	32.6	804	12
Kruger	KR-7913	VT3P,B	AC,P5V	113	164.8	18.3	4	35.3	808	9
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	164.8	21.6	2	35.3	791	19
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	164.2	20.3	3	34.4	795	14
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113	164.1	20.3	4	35.3	794	15
Wyffels	W7888RIB	STX,B	AC,P5V	114	163.7	20.2	3	31.6	793	16
Renk	RK890VT3P	VT3P	AC,P2	113	163.5	19.9	2	33.5	793	17
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	163.2	20.4	2	27.0	790	20
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	163.2	20.3	3	36.2	790	21
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	162.3	16.0	3	36.2	807	11
Lewis	R1415VT3P	VT3P,B	AC,P5V	115	162.2	19.6	2	33.4	789	22
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	161.8	17.0	2	33.4	799	13
Pfister	2770RA	STX,B	CM,C2	113	161.0	18.9	1	34.4	786	24
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115	159.9	20.7	2	33.5	772	27
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	158.6	16.8	7	35.3	784	25
Green Valley	GV8443VT3PRIB	VT3P,B	AC,P5V	114	158.5	16.9	2	34.4	783	26
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	158.1	15.6	5	34.4	788	23
NuTech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	155.6	18.5	1	33.4	762	28
LG Seeds	LG5618STX	STX	AC,P5V	113	155.2	21.3	2	34.4	747	30
Channel	213-59STXRIB	STX,B	AC,P5V	113	153.1	18.9	5	31.6	748	29
Pioneer	P1339AM1	AM1,B	MQ,P1V	113	151.5	19.7	1	36.2	736	31
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	162.2	18.6	2	37.1	793	18

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Test Average = **161.3** **19.3** **3** **34.2** **785**
 LSD (0.10) = 11.1 1.2 ns
 C.V. = 5.0 4.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$5.00 Local GMO
 n/a non-GMO

Test Comments: *Most of the lower half of the plant still had good stalk quality, but a late season wind storm blew all the tops out of the plants. There was evidence of Anthracnose present at harvest. All lodging noted was from stalk lodging. Kernel size was small due to the lack of rain during grain fill. The test got off to a great start with excellent emergence receiving some timely rainfalls carrying it into pollination.*

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Report date: 10/2/2013 Revised:

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					
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					
Green Valley	GV8033VT3P	VT3P	AC,P5V	110					
Green Valley	GV8243VT3P	VT3P	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	R1407SS	STX,B	AC,P5V	107					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109					
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111					
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	2524SS	STX	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	P1221AMX CK	AMX,B	MQ,P1V	112					
Renk	RK809GTCBLLRW	3000GT	CE,C2	110					
Renk	RK860VT3P	VT3P	AC,P2	111					
Renk	RK880SSTX	STX,B	AC,P5V	112					
Stine	9631VT3Pro	VT3P	CM,C2	109					
Stine	9632SS	STX	CM,C2	107					
Stine	9740VT3Pro	VT3P	CM,C2	110					

2013 Corn Grain - Missouri Northeast [MONE]



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	A6533VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A4564GENSS	STX	M,D,P5	114					
Augusta	A5565VT3Pro	VT3P	M,D,P5	114					
Channel	213-59STXRIB	STX,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					
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					
Green Valley	GV8443VT3PRIB	VT3P,B	AC,P5V	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	R1313VT2P	VT2P,B	AC,P5V	113					
Lewis	R1415VT3P	VT3P,B	AC,P5V	115					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5618STX	STX	AC,P5V	113					
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	P1221AMX CK	AMX,B	MQ,P1V	112					
Pioneer	P1339AM1	AM1,B	MQ,P1V	113					
Renk	RK858VT3P	VT3P	AC,P2	113					
Renk	RK890VT3P	VT3P	AC,P2	113					
Renk	RK930VT3P	VT3P	AC,P2	115					
Renk	RK941VT3P	VT3P	AC,P2	114					
Stine	R9739VT3Pro	VT3P,B	AC,P2	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					

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.