

# 2013 Corn Grain Top 30 Harvest Report

Missouri Northeast [ MONE ] PALMYRA  
Shawn Kiefaber, Marion County, MO 63461



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

PREV. CROP/HERB: Soybean / 41% Glyphos, 41% Glyphos, Cadet  
SOIL DESCRIPTION: Smileyville silt loam, mod. well drained, conventional w/o fall till, non-irrigated  
SOIL CONDITION: Mod. High P, mod. high K, 6.6 pH, 2.5% OM  
PEST MANAGEMENT: Lexar, Tombstone, Force  
FERTILITY - Applied N: 200 Fall  
Applied N-P-K (units): 200-46-60  
SEEDING - RATE - ROW: May 18 35,100 /A 30" spacing  
HARVESTED - STAND: Oct 15 34,200 /A

## Early-Season Test

107 - 112 Day CRM  
B2013MONE24a

## 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	<b>254.3</b>	20.0	1	34.4	1,233	1
NuTech	5B-410	GT/CB/LL	MQ,C2	110	<b>253.3</b>	19.9	2	34.4	1,229	2
Kruger	KR-7709	VT3P,B	AC,P5V	109	250.6	20.8	2	34.4	1,209	4
Kruger	K4R-9512	STX,B	AC,P5V	112	247.7	21.0	2	37.1	1,194	6
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	245.6	19.3	2	35.3	1,196	5
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	245.0	20.0	3	34.4	1,188	7
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	244.2	20.6	2	36.2	1,180	8
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	243.7	21.6	1	30.7	1,170	10
Renk	RK809GTCBLLRW	3000GT	CE,C2	110	240.5	19.3	6	33.5	1,171	9
FS InVISION	FS 61JX1	STX	AC,P5V	111	238.7	22.0	6	36.2	1,143	16
Stine	9632SS	STX	CM,C2	107	238.6	18.8	7	34.4	1,166	11
NuTech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	237.8	21.8	2	36.2	1,140	18
Augusta	A4658GT3110	3110	CE,C2	108	237.3	20.4	6	32.5	1,148	13
Green Valley	GV8243VT3P	VT3P	AC,P5V	111	236.6	20.3	2	31.6	1,145	14
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	236.6	21.8	1	32.5	1,135	21
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	235.3	18.6	12	34.4	1,151	12
Green Valley	GV8033VT3P	VT3P	AC,P5V	110	235.2	19.6	4	31.6	1,144	15
Pfister	2574RA	STX,B	CM,C2	110	235.0	19.9	9	34.4	1,140	19
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	233.0	21.0	1	33.5	1,123	24
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	232.5	17.9	2	32.5	1,142	17
Stine	9631VT3Pro	VT3P	CM,C2	109	232.2	19.2	1	34.4	1,132	22
Kruger	K4R-9911	STX,B	AC,P5V	110	231.6	17.8	5	33.5	1,139	20
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	231.5	19.2	4	35.3	1,128	23
Renk	RK880SSTX	STX,B	AC,P5V	112	230.9	20.2	2	34.4	1,118	25
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	228.7	18.8	2	35.3	1,117	26
Stine	9740VT3Pro	VT3P	CM,C2	110	227.8	20.1	9	37.1	1,104	28
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	226.3	18.0	3	32.6	1,111	27
Pfister	2672RA	STX,B	CM,C2	112	224.5	21.7	3	33.5	1,077	31
Lewis	1308VT3P	VT3P	AC,P2	108	222.0	19.2	3	37.1	1,082	30
Lewis	R1407SS	STX,B	AC,P5V	107	221.0	18.3	6	34.4	1,083	29
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	<b>252.0</b>	20.4	2	33.5	1,219	3

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

Test Average = **234.6** **19.8** **3** **34.2** **1,138**  
LSD (0.10) = 16.8 1.0 ns  
C.V. = 5.2 3.8

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

**Test Comments:** *This location started off great, with almost perfect emergence. Pollination and ear development was great, Kernel fill was good for most hybrids, but a few had about 3/4" ear tip back. The farmer reported rainfall was: 1 1/10" - July, 7/10" - August (one rain), & 1/10" in September. This must have been just enough to carry the corn, so it could produce the yield levels you see. Overall, a nice uniform plot*

† 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

Additional reports and searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

AgSCI Copyright 2013

Report date: 10/16/2013 Revised:

# 2013 Corn Grain Top 30 Harvest Report

Missouri Northeast [ MONE ] PALMYRA  
Shawn Kiefaber, Marion County, MO 63461



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

PREV. CROP/HERB: Soybean / 41% Glyphos, 41% Glyphos, Cadet  
SOIL DESCRIPTION: Smileyville silt loam, mod. well drained, conventional w/o fall till, non-irrigated  
SOIL CONDITION: Mod. High P, mod. high K, 6.6 pH, 2.5% OM  
PEST MANAGEMENT: Lexar, Tombstone, Force  
FERTILITY - Applied N: 200 Fall  
Applied N-P-K (units): 200-46-60  
SEEDED - RATE - ROW: May 18 35,100 /A 30" spacing  
HARVESTED - STAND: Oct 15 34,400 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
B2013MONE24b

**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	3F-515AM	AM-R,B	MQ,C2	115	<b>268.5</b>	23.1	1	35.3	1,277	2
Kruger	KR-4615	VT2P,B	AC,P5V	115	263.8	22.7	1	34.4	1,258	5
Kruger	KR-7913	VT3P,B	AC,P5V	113	263.2	20.1	6	32.5	1,276	3
Renk	RK858VT3P	VT3P	AC,P2	113	262.5	19.1	1	36.2	1,280	1
Lewis	R1415VT3P	VT3P,B	AC,P5V	115	262.1	21.5	2	36.2	1,259	4
NuTech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	259.6	23.0	2	33.5	1,236	9
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	259.5	21.6	2	35.3	1,246	6
Wyffels	W7888RIB	STX,B	AC,P5V	114	259.5	22.6	5	29.7	1,238	8
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	259.5	23.1	5	35.3	1,234	10
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	258.0	20.8	6	37.1	1,245	7
Renk	RK930VT3P	VT3P	AC,P2	115	256.0	22.1	5	35.3	1,225	11
LG Seeds	LG5618STX	STX	AC,P5V	113	254.0	22.7	1	34.4	1,211	12
Lewis	R1313VT2P	VT2P,B	AC,P5V	113	252.0	23.8	4	35.3	1,193	16
Augusta	A4564GENSS	STX	M,D,P5	114	251.8	25.4	1	33.5	1,180	20
Channel	213-59STXRIB	STX,B	AC,P5V	113	249.3	21.2	5	32.5	1,200	13
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	248.7	22.4	2	36.2	1,188	17
Kruger	K4R-9315	STX,B	AC,P5V	115	247.1	24.4	2	35.3	1,166	24
Renk	RK890VT3P	VT3P	AC,P2	113	247.0	20.6	2	37.1	1,194	15
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	246.8	19.9	12	35.3	1,198	14
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	245.8	21.3	1	33.5	1,183	19
Pioneer	P1339AM1	AM1,B	MQ,P1V	113	244.2	21.0	5	34.4	1,177	21
NuTech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	243.7	21.4	1	29.7	1,172	22
Green Valley	GV8443VT3PRIB	VT3P,B	AC,P5V	114	242.2	20.4	1	34.4	1,172	23
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	241.8	20.9	1	35.3	1,166	25
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	240.5	22.9	13	36.2	1,146	26
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	235.1	19.4	4	33.5	1,144	27
Pfister	3488HR	HX,RR2	CM,C2	115	235.1	25.4	6	32.5	1,102	31
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	234.9	21.5	21	34.4	1,129	28
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	228.3	20.1	2	35.3	1,107	30
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	227.7	18.9	4	34.4	1,112	29
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	246.5	21.1	1	35.3	1,187	18
Test Average =					<b>246.3</b>	<b>22.0</b>	<b>4</b>	<b>34.4</b>	<b>1,180</b>	
LSD (0.10) =					18.6	1.8	7			
C.V. =					5.5	6.0				

*Jason T. Beyers*

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

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

**Test Comments:** *This location started off great, with almost perfect emergence. Pollination and ear development was great, Kernel fill was good for most hybrids, but a few had about 3/4" ear tip back. The farmer reported rainfall was: 1 1/10" - July, 7/10" - August (one rain), & 1/10" in September. This must have been just enough to carry the corn, so it could produce the yield levels you see. Overall, a nice uniform plot*

† 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

Additional reports and searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

AgSCI Copyright 2013

Report date: 10/16/2013 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					

**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.