

2013 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] MACON
Don Hinkle, Macon County, MO 65281



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

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Vigar loam, moderately drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.6 pH, 2% OM
PEST MANAGEMENT: Degree Xtra, SureStart, Atrazine, Tombstone, Force
FERTILITY - Applied N: 130 Fall, 50 Planter
Applied N-P-K (units): 180-60-80
SEEDED - RATE - ROW: May 18 32,400 /A 30" spacing
HARVESTED - STAND: Oct 16 32,800 /A

Early-Season Test
107 - 112 Day CRM
B2013MONE23a

Top 30 of 36
For Gross Income (Sorted by Yield)
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pfister	2595RA	STX,B	CM,C2	111	158.2	14.5	4	33.5	791	1
Stine	9631VT3Pro	VT3P	CM,C2	109	156.5	15.3	13	32.1	781	2
NuTech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112	151.3	18.5	4	34.9	741	5
Renk	RK880SSTX	STX,B	AC,P5V	112	150.4	16.2	3	34.9	747	3
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	149.5	15.5	1	34.9	745	4
Kruger	K4R-9708	STX,B	AC,P5V	108	142.0	15.0	4	33.5	710	6
Kruger	K4R-9512	STX,B	AC,P5V	112	141.7	17.3	3	33.5	699	8
FS InVISION	FS 61JX1	STX	AC,P5V	111	140.7	16.8	3	27.9	696	10
Renk	RK860VT3P	VT3P	AC,P2	111	140.4	15.5	7	29.3	700	7
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	139.7	13.7	9	33.5	699	9
LG Seeds	LG560VT3P	VT3P	AC,P5V	111	138.6	17.0	7	34.9	685	11
Green Valley	GV8243VT3P	VT3P	AC,P5V	111	135.9	15.8	3	20.9	676	12
Pfister	2672RA	STX,B	CM,C2	112	134.2	14.1	7	30.7	671	13
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	134.1	15.6	3	32.1	668	14
Lewis	1308VT3P	VT3P	AC,P2	108	133.5	15.5	1	39.1	665	15
Stine	9740VT3Pro	VT3P	CM,C2	110	132.1	15.6	17	34.9	658	16
Lewis	R1407SS	STX,B	AC,P5V	107	131.5	15.3	3	30.7	656	17
Pfister	2574RA	STX,B	CM,C2	110	131.2	15.1	13	33.5	656	18
Stine	9632SS	STX	CM,C2	107	130.0	15.3	9	29.3	649	20
Green Valley	GV8033VT3P	VT3P	AC,P5V	110	129.9	14.9	3	29.3	650	19
Augusta	A4658GT3110	3110	CE,C2	108	129.5	14.2	5	33.5	648	21
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	128.2	14.5	5	36.2	641	22
Kruger	KR-7709	VT3P,B	AC,P5V	109	127.2	15.4	3	33.5	634	23
NuTech	5B-410	GT/CB/LL	MQ,C2	110	126.2	14.1	3	30.7	631	24
Renk	RK809GTCBLLRW	3000GT	CE,C2	110	125.3	14.4	5	30.7	627	25
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	123.9	18.3	1	34.9	607	26
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	114.3	14.0	4	36.2	572	28
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	114.2	15.1	10	32.1	571	29
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	113.4	14.7	13	33.5	567	30
Pfister	2524SS	STX	CM,C2	108	111.4	14.6	3	34.9	557	31
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	120.2	17.2	3	34.9	593	27

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

Test Average = **129.9** **15.4** **5** **32.8** **647**
LSD (0.10) = 8.5 0.8 7
C.V. = 3.9 3.0

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 encounter problems all year long. Planting went well, but heavy rains in the days that followed, caused issues with emergence in one rep of each trial. Rainfall was limited during most of the growing season. Plants were short, stalks were loaded with disease, ear shanks were weak and cobs were spongy. It is definitely a test to look at to see which hybrids can deal with stress better.*

† 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: 10/17/2013 Revised:

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PEST MANAGEMENT: Degree Xtra, SureStart, Atrazine, Tombstone, Force
FERTILITY - Applied N: 130 Fall, 50 Planter
Applied N-P-K (units): 180-60-80
SEEDED - RATE - ROW: May 18 32,400 /A 30" spacing
HARVESTED - STAND: Oct 16 33,200 /A

Full-Season Test
113 - 116 Day CRM
B2013MONE23b

Top 30 of 36
For Gross Income (Sorted by Yield)
Average of (2) 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	175.3	19.6	3	34.9	852	1
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	163.2	18.5	3	29.3	799	2
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	153.9	15.8	10	33.5	766	3
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	152.4	19.3	1	26.5	742	5
Wyffels	W7888RIB	STX,B	AC,P5V	114	152.3	18.5	4	30.7	746	4
Channel	213-59STXRIB	STX,B	AC,P5V	113	150.9	17.7	5	32.1	742	6
Kruger	K4R-9813	STX,B	AC,P5V	113	150.2	17.0	3	36.2	742	7
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	148.5	18.6	1	34.9	726	8
Renk	RK941VT3P	VT3P	AC,P2	114	147.2	18.7	3	30.7	720	10
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	146.6	17.5	3	33.5	722	9
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113	144.8	21.2	3	33.5	697	12
LG Seeds	LG5618STX	STX	AC,P5V	113	141.3	18.2	13	29.3	693	13
Pfister	2770RA	STX,B	CM,C2	113	140.9	15.0	7	36.2	705	11
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114	140.2	20.2	5	34.9	679	16
Lewis	R1313VT2P	VT2P,B	AC,P5V	113	139.7	17.0	3	36.2	690	14
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115	139.2	17.8	7	37.6	684	15
NuTech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	137.0	17.2	3	32.1	676	17
Renk	RK858VT3P	VT3P	AC,P2	113	134.9	19.4	3	36.3	657	19
Pfister	3488HR	HX,RR2	CM,C2	115	133.2	16.2	1	32.1	661	18
Pioneer	P1339AM1	AM1,B	MQ,P1V	113	131.1	19.1	4	34.9	639	21
Kruger	KR-4615	VT2P,B	AC,P5V	115	130.7	17.1	3	33.5	645	20
Kruger	K4R-9315	STX,B	AC,P5V	115	126.3	16.2	3	29.3	627	22
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	126.2	17.1	5	34.9	623	23
Lewis	R1415VT3P	VT3P,B	AC,P5V	115	126.1	17.6	3	37.6	621	24
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	124.5	17.0	4	30.7	615	26
Renk	RK890VT3P	VT3P	AC,P2	113	124.0	15.3	3	29.3	619	25
Renk	RK930VT3P	VT3P	AC,P2	115	121.8	18.3	3	30.7	597	28
Kruger	KR-7913	VT3P,B	AC,P5V	113	119.5	15.3	3	32.1	596	29
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	118.8	17.9	3	32.1	584	30
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	116.7	15.2	3	32.1	583	31
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	121.1	17.0	1	34.9	598	27

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Test Average = **134.6** **17.5** **4** **33.2** **663**
LSD (0.10) = 9.4 2.3 5
C.V. = 4.1 7.9

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

Test Comments: *This location encounter problems all year long. Planting went well, but heavy rains in the days that followed, caused issues with emergence in one rep of each trial. Rainfall was limited during most of the growing season. Plants were short, stalks were loaded with disease, ear shanks were weak and cobs were spongy. It is definitely a test to look at to see which hybrids can deal with stress better.*

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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					
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.