

2014 Corn Grain Top 30 Harvest Report
 Missouri Northeast [MONE] FAIRFIELD
 Brent & Tim Pacha, Pacha Farms, Jefferson County, IA 52556



PREV. CROP/HERB: Soybean / Roundup (2), Select
 SOIL DESCRIPTION: Taintor/Mahaska silty clay loam, moderately drained, minimum w/o fall fill, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.7 pH, 3% OM
 PEST MANAGEMENT: Balance Flexx, atrazine (2), Laudis, Roundup WeatherMax, Force
 FERTILITY - Applied N: 180 Fall, 15 Spring
 Applied N-P-K (units): 195-0-120
 SEEDED - RATE - ROW: May 6 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 30 35,200 /A

Early-Season Test
107 - 112 Day CRM
 B2014MONE20a

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	A6499STXRIB	STX,B	AC,P5V	112	240.6	19.5	1	36.3	858	1
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	238.0	18.9	1	38.1	853	3
Prairie Brand	6305RA	STX,B	CM,C2	113	237.1	18.8	1	36.2	850	4
Pfister	2574RA	STX,B	CM,C2	110	236.6	17.8	1	38.1	856	2
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	234.2	18.9	1	33.5	839	8
Channel	212-86STXRIB	STX,B	AC,P5V	112	234.0	18.5	1	38.1	841	7
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	232.4	17.6	1	32.5	842	5
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	232.3	17.5	1	34.4	842	6
Augusta	A5658GT3000	3000GT	CM,C2	108	229.2	18.1	2	36.2	827	9
Pfister	3366RA	STX,B	CM,C2	115	228.8	19.0	1	35.3	819	10
Channel	209-53STXRIB	STX,B	AC,P5V	109	226.7	18.6	1	34.4	814	11
Renk	RK834SSTX	STX	AC,P2	111	226.2	18.7	1	38.1	812	12
Beck	XL 6175AM^	AM,B	Es,P1V	112	225.0	18.8	1	35.3	807	14
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	224.1	18.1	1	32.5	808	13
Beck	Phoenix 5832A3^	3011A	Es,P1V	112	223.0	18.2	2	34.4	804	16
Renk	RK791SSTX	STX,B	AC,P2	108	221.9	17.3	1	33.5	806	15
Pfister	2565VT3Pro	VT3P	AC,P5	108	220.7	19.2	1	32.6	789	19
Renk	RK776SSTX	STX,B	AC,P2	107	220.6	19.0	1	35.3	790	18
Prairie Brand	5985SX	STX	CM,C2	111	220.4	17.7	1	39.9	798	17
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	218.5	18.1	1	36.2	788	20
Renk	RK860VT3P	VT3P,B	AC,P2	111	217.8	18.0	1	36.2	786	21
Augusta	A4658GT3110	3110	CM,C5	108	216.9	17.7	3	33.5	785	22
Prairie Brand	1121RA	STX,B	CM,C2	112	216.9	19.7	4	34.4	772	25
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	216.7	20.7	1	35.3	765	29
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	216.4	19.4	1	33.5	772	26
Stine	R9631VT3Pro	VT3P,B	AC,P2	109	215.2	18.3	1	34.4	775	24
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	214.5	18.5	1	35.3	771	27
Pfister	2595RA	STX,B	CM,C2	111	213.6	18.3	1	33.5	769	28
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	213.5	20.0	2	34.4	758	30
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	209.4	18.2	1	33.5	755	31
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	217.5	18.8	1	36.2	780	23

Jason Beyers
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Test Average = **221.1** 18.8 1 35.2 793
 LSD (0.10) = 12.7 2.1 1
 LSD (0.25) = 8.9 1.5 1
 C.V. = 4.2 8.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$3.70 Local GMO / \$3.70 non-GMO

Test Comments: *This was a great location, with nice yields. Brent commented that the test did not lack for moisture all year. They just kept getting good timely rainfalls. Corn stood great at harvest, any lodging noted was due to root lodging. Brent thinks that area rootworm pressure has been increasing over time. A month ago there was evidence of some common rust present, but that is about it for diseases.*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report date: 10/31/2014 Revised:

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 PEST MANAGEMENT: Balance Flexx, atrazine (2), Laudis, Roundup WeatherMax, Force
 FERTILITY - Applied N: 180 Fall, 15 Spring
 Applied N-P-K (units): 195-0-120
 SEEDED - RATE - ROW: May 6 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 30 35,700 /A

Full-Season Test
113 - 116 Day CRM
 B2014MONE20b

Top 30 of 45
 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
Renk	RK941SSTX	STX,B	AC,P2	114	248.2	19.2	1	36.2	887	1
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	246.2	18.9	1	35.3	882	2
NK Brand	N74R-3000GT	3000GT	AVC,C5	114	239.6	20.6	1	38.1	846	6
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	239.0	19.3	1	38.1	853	4
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	238.9	18.8	1	39.0	857	3
Stine	R9741EVT3Pro	VT3P,B	AC,P2	112	237.8	19.0	1	38.1	851	5
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	236.2	19.6	2	34.4	841	8
LG Seeds	LG5630VT3PRIB	VT3P,B	AC,P5V	114	235.6	20.1	1	32.5	836	9
Wyffels	W7888RIB	STX,B	AC,P5V	114	235.3	18.9	1	37.2	843	7
Augusta	A5565VT2Pro	VT2P	CM,C1	115	235.2	20.1	1	35.3	834	11
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	233.9	19.3	1	37.2	835	10
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	233.6	20.7	1	35.3	824	17
Augusta	A4564GENSS	STX	AC,P5V	114	233.2	19.8	1	35.3	829	12
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	232.8	20.4	1	37.2	824	18
LG Seeds	LG5622STX	STX	AC,P5V	113	232.6	20.3	4	36.2	824	19
Channel	215-83STXRIB	STX,B	AC,P5V	115	232.1	19.8	1	36.2	825	16
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	231.1	18.8	1	34.4	829	13
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	231.1	19.7	1	31.6	822	20
Renk	RK898SSTX	STX	AC,P2	113	231.0	19.7	1	36.2	822	21
Pfister	2874RR	RR2	CM,C2	113	230.7	18.7	1	36.2	828	14
Channel	217-08VT3PRIB	VT3P,B	AC,P5V	117	230.3	19.9	2	36.2	818	22
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	230.0	18.6	1	35.3	826	15
Beck	6347	GT	Es,P1V	113	228.3	19.4	1	38.1	815	23
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	228.2	19.6	1	37.2	813	26
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	227.8	19.4	1	33.5	813	27
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	227.8	19.7	1	36.2	811	28
Wyffels	W8377	VT3P	AC,P5V	115	227.7	19.0	1	36.2	815	24
Golden Harvest	G16K01-3111	3111	AVC,C5	116	227.3	19.7	1	37.2	809	29
Pioneer	P1339AMX	AMX,B	MQ,P1V	113	226.4	18.3	1	37.2	815	25
Renk	RK935SSTX	STX	AC,P2	115	225.0	18.5	2	35.3	809	30
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	223.4	19.8	1	36.2	794	39

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Test Average = **229.5** 19.4 1 35.7 819
 LSD (0.10) = 13.9 1.2 ns
 LSD (0.25) = 9.7 0.9 ns
 C.V. = 4.5 4.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO non-GMO

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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	110					
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A4658GT3110	3110	CM,C5	108					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Beck	Phoenix 5832A3^	3011A	Es,P1V	112					
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110					
Beck	XL 6175AM^	AM,B	Es,P1V	112					
Channel	209-53STXRIB	STX,B	AC,P5V	109					
Channel	212-86STXRIB	STX,B	AC,P5V	112					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Lewis	R1407VT2P	VT2P,B	AC,P5V	107					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	X5Z-1209^	OI	MQ,P1V,R	112					
Pfister	2565VT3Pro	VT3P	AC,P5	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	3366RA	STX,B	CM,C2	115					
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112					
Prairie Brand	1121RA	STX,B	CM,C2	112					
Prairie Brand	5985SX	STX	CM,C2	111					
Prairie Brand	6305RA	STX,B	CM,C2	113					
Renk	RK776SSTX	STX,B	AC,P2	107					
Renk	RK791SSTX	STX,B	AC,P2	108					
Renk	RK834SSTX	STX	AC,P2	111					
Renk	RK860VT3P	VT3P,B	AC,P2	111					
Stine	R9631VT3Pro	VT3P,B	AC,P2	109					

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 FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,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)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

** Seed treatments may include unspecified plant health promoting components.