

2015 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 / Liberty
SOIL DESCRIPTION: Belknap/Fatima silt loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 2.5% OM
PEST MANAGEMENT: Bicep II Magnum, Hornet, Quilt, Headline Amp, Force
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-80-80
SEEDING - RATE - ROW: Apr 30 32,400 /A 30" spacing
HARVESTED - STAND: Oct 18 34,100 /A

Early-Season Test

107 - 112 Day CRM
B2015MONE24a

Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Beck	XL 6158AM^	AM,B	111	225.5	15.9	13	35.3	806	1
Kruger	K4R-9511	STX,B	111	225.3	15.8	2	31.6	806	2
Titan Pro	TP 55-11 2P	VT2P	111	216.1	15.8	2	34.4	773	3
Golden Harvest	G10S30-3110 GC	3110	110	216.0	15.8	10	35.3	772	4
LG Seeds	LG5548STXRIB	STX,B	109	208.6	15.7	4	33.5	747	5
NuTech/G2 Gen	5Z-308^	OI	108	206.2	16.0	4	34.4	736	6
Beck	Phoenix 5832A3^	3011A	112	203.7	15.9	7	33.5	728	7
Lewis	R1409VT2P	VT2P,B	109	203.5	16.2	1	33.5	725	8
Renk	RK871VT2P	VT2P	111	203.5	16.3	1	32.5	725	9
Kruger	K4R-9512	STX,B	112	202.6	16.2	1	34.4	722	10
Pfister	X14677S2	STX	112	200.7	15.4	5	36.2	720	11
Wyffels	W7246	VT2P	111	199.7	15.9	1	34.4	714	12
Dekalb	DKC58-06RIB GC	STX,B	108	198.6	15.8	3	35.3	710	13
Golden Harvest	G07B39-3111A GC	3111,A	109	197.9	15.6	7	32.5	709	14
Pfister	67A1	HXT,RR2	107	197.6	15.7	1	34.4	707	15
LG Seeds	LG2549VT3PRIB	VT3P,B	109	197.0	15.4	4	32.5	707	16
Augusta	A5658GTCBLL	GT/CB/LL	108	196.9	15.7	14	34.4	705	17
Kruger	KR-4709	VT2P,B	109	196.4	15.8	2	34.4	702	18
Beck	XL 5828AM^	AM,AQ,B	110	196.1	16.3	2	35.3	698	19
LG Seeds	LG5607VT2PRIB	VT2P,B	111	195.0	16.7	3	36.2	692	22
Titan Pro	TP 58-10 SS	STX	110	194.3	15.9	3	34.4	694	21
Wyffels	W7108RIB	STX,B	111	194.1	15.7	3	33.5	695	20
NuTech/G2 Gen	5F-709^	AM,B	109	192.9	15.8	2	32.5	690	23
Golden Harvest	G07F23-3111 GC	3111	107	191.8	15.6	2	29.7	687	24
Kruger	K4R-9910	STX,B	110	191.7	16.1	4	30.7	684	25
Pioneer	P1023AMX	AMX,B	110	191.3	16.0	1	36.2	683	26
LG Seeds	LG2620VT3PRIB	VT3P,B	113	190.2	15.7	3	34.4	681	27
FS InVISION	FS 61SX1 RIB	STX,B	111	189.9	16.1	14	35.3	677	28
Channel	211-33VT2PRIB	VT2P,B	111	189.7	16.3	11	33.5	676	29
Dekalb	DKC57-75RIB GC	STX,B	107	188.9	15.7	2	35.3	676	30
Pioneer	P1221AMXT CK	AMXT,B	112	182.0	16.3	7	31.6	648	35

Jason Beyers

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

Averages = **191.9** **16.0** **6** **34.1** **686**

LSD (0.10) = 19.0 ns 10

LSD (0.25) = 13.2 ns 7

C.V. = 7.3 3.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.60; non-GMO = \$3.60

Test Comments: Plot started off great with excellent emergence. Plants had great vegetative growth, some were 12-13' tall. Rainfall was excellent until the 1st week of August, but no additional rain after this. During pollination, northern corn leaf blight was noticed, and Shawn mentioned that common rust moved in later. Corn achieved excellent dry down. Yield levels were unexpectedly high for this area.

† 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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PEST MANAGEMENT: Bicep II Magnum, Hornet, Quilt, Headline Amp, Force
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-80-80
SEEDING - RATE - ROW: Apr 30 32,400 /A 30" spacing
HARVESTED - STAND: Oct 18 33,900 /A

Full-Season Test
113 - 116 Day CRM
B2015MONE24b

Top 30 of 45

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pfister	X14730VH	HXT,RR2	113	212.4	15.8	1	34.4	760	1
Dekalb	DKC64-87RIB GC	STX,B	114	211.2	16.0	4	36.2	754	2
Channel	217-07VT2PRIB	VT2P,B	117	206.5	16.6	2	30.7	733	3
NuTech/G2 Gen	5Z-015^	OI	115	204.9	16.1	2	32.5	731	4
Pfister	73A1SS	STX	113	202.5	15.8	3	34.4	724	5
Wyffels	W7888RIB	STX,B	114	201.8	16.5	3	35.3	717	7
Titan Pro	TP 56-14 2P	VT2P	114	201.4	16.0	4	34.4	719	6
Beck	XL 6365AM^	AM,B	113	199.8	16.0	4	33.5	713	8
Channel	215-81VT2PRIB	VT2P,B	115	199.2	16.3	3	32.5	709	10
Lewis	R1414VT2P	VT2P,B	113	199.0	15.8	5	37.2	712	9
Dekalb	DKC63-60RIB GC	STX,B	113	199.0	16.4	2	32.5	708	11
FS InVISION	FS 66JV4 RIB	VT3P,B	116	198.7	16.5	2	32.5	706	13
Renk	RK935SSTX	STX,B	114	198.2	15.9	14	36.2	708	12
Channel	213-26VT2PRIB	VT2P,B	113	197.0	15.9	5	33.5	704	14
LG Seeds	LG5638VT2PRIB	VT2P,B	114	196.2	15.7	3	34.4	702	15
NuTech/G2 Gen	5F-515^	AM,B	115	196.2	16.1	2	33.5	700	16
LG Seeds	LG2636VT3PRIB	VT3P,B	114	196.1	16.1	2	34.4	699	17
Kruger	KR-4913	VT2P,B	113	194.8	16.0	7	37.2	695	18
LG Seeds	LG5622STXRIB	STX,B	113	193.6	16.2	4	34.4	690	19
Channel	214-45STXRIB	STX,B	114	192.5	16.2	2	34.4	686	20
Augusta	A5063VT2Pro	VT2P	113	191.8	16.3	5	36.2	683	21
Kruger	K4R-9313	STX,B	113	191.0	16.2	6	34.4	681	23
NuTech/G2 Gen	5F-713^	AM,B	113	190.9	15.9	7	33.5	682	22
Pfister	2770RA	STX,B	113	188.4	15.9	8	35.3	673	24
Beck	6948A3	3000GT	115	187.5	16.7	1	35.3	665	27
Wyffels	W8376RIB	VT2P,B	115	187.3	16.0	1	31.6	669	25
FS InVISION	FS 65SV4 RIB	VT3P,B	115	187.1	16.0	7	36.2	668	26
Pfister	3366RA	STX,B	112	186.3	16.0	6	33.5	665	29
Beck	6347VR	3110	113	186.1	16.8	3	34.4	660	30
Augusta	A6465VT2Pro	VT2P	115	185.0	16.2	10	34.4	659	31
Pioneer	P1221AMXT CK	AMXT,B	112	187.3	16.6	6	32.5	665	28

Jason Beyers
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Averages =	187.8	16.2	5	33.9	669
LSD (0.10) =	20.5	ns	ns		
LSD (0.25) =	14.3	ns	8		
C.V. =	8.0	3.8			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.60; non-GMO = \$3.60

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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A5658GTCBLL	GT/CB/LL	CM,C1	108					
Beck	Phoenix 5832A3^	3011A	Es,P1V	112					
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110					
Beck	XL 6158AM^	AM,B	Es,P1V	111					
Beck	XL 6165^	OIX	Es,P1V	111					
Channel	211-33VT2PRIB	VT2P,B	AC,P5V	111					
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107					
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108					
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110					
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Golden Harvest	G07B39-3111A GC	3111,A	AVC,C2,Vi	109					
Golden Harvest	G07F23-3111 GC	3111	AVC,C2,Vi	107					
Golden Harvest	G10S30-3110 GC	3110	AVC,C5,Vi	110					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	KR-4709	VT2P,B	AC,P5V	109					
Lewis	R1308VT2P	VT2P,B	AC,P5V	108					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pfister	X14677S2	STX	AC,P5V	112					
Pioneer	P1023AMX	AMX,B	MQ,P1V	110					
Pioneer	P1221AMXT CK	AMXT,B	MQ,C2	112					
Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107					
Renk	RK834SSTX	STX,B	AC,P5V	111					
Renk	RK871VT2P	VT2P	AC,P2	111					
Titan Pro	TP 55-11 2P	VT2P	AC,P2	111					
Titan Pro	TP 58-10 SS	STX	AC,P5V	110					
Titan Pro	TP 59-08 SS	STX	AC,P5V	108					
Wyffels	W7108RIB	STX,B	AC,P5V	111					
Wyffels	W7246	VT2P	AC,P5V	111					
Wyffels	W7456	VT2P	AC,P5V	112					

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Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5063VT2Pro	VT2P	AC,P5	113					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Augusta	A6465VT2Pro	VT2P	AC,P2	115					
Beck	6347VR	3110	Es,P1V	113					
Beck	6948A3	3000GT	Es,P1V	115					
Beck	Phoenix 6542A4^	3111	Es,P1V	115					
Beck	XL 6365AM^	AM,B	Es,P1V	113					
Channel	213-26VT2PRIB	VT2P,B	AC,P5V	113					
Channel	214-45STXRIB	STX,B	AC,P5V	114					
Channel	215-81VT2PRIB	VT2P,B	AC,P5V	115					
Channel	217-07VT2PRIB	VT2P,B	AC,P5V	117					
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Epley	E2305RR	RR2	AC,P2	113					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Kruger	K4R-9313	STX,B	AC,P5V	113					
Kruger	K4R-9613	STX,B	AC,P5V	113					
Kruger	KR-4913	VT2P,B	AC,P5V	113					
Lewis	R1313VT2P	VT2P,B	AC,P5V	113					
Lewis	R1414VT2P	VT2P,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5622STXRIB	STX,B	AC,P5V	113					
LG Seeds	LG5638VT2PRIB	VT2P,B	AC,P5V	114					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-015^	OI	MQ,P1V	115					
Pfister	2770RA	STX,B	CM,C5,Vi,In	113					
Pfister	3366RA	STX,B	CM,C5,Vi,In	112					
Pfister	73A1SS	STX	CM,C1	113					
Pfister	X14730VH	HXT,RR2	CM,C1	113					
Pioneer	P1221AMXT CK	AMXT,B	MQ,C2	112					
Pioneer	P1417AMX	AMX,B	MQ,C2	114					
Prairie Brand	3495RA	STX,B	CM,C5,Vi,In	115					
Prairie Brand	6394RA	STX,B	CM,C5,Vi,In	114					
Renk	RK930VT3P	VT3P,B	AC,P2	115					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Titan Pro	TP 56-14 2P	VT2P	AC,P2	114					
Wyffels	W7736RIB	VT2P,B	AC,P5V	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					
Wyffels	W8376RIB	VT2P,B	AC,P5V	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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