

2016 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: Corn, 2+ yr / Bicep II Magnum, Hornet
SOIL DESCRIPTION: Belknap/Fatima silt loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, high P, high K, 5.7 pH, 2.5% OM
PEST MANAGEMENT: Lexar, Tombstone, Force
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-80-80
SEEDING - RATE - ROW: Apr 15 32,500 /A 30" spacing
HARVESTED - STAND: Sep 28 33,200 /A

Full-Season Test
113 - 116 Day CRM
B2016MONE24b

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
NuTech/G2 Gen	X5Z-1509^	OI	115	239.6	16.0	13	31.6	760	1
Kruger	K4R-9116	STX,B	116	228.9	17.1	1	32.5	718	2
Kruger	KR-4917	VT2P,B	116	226.5	16.2	1	32.5	717	3
Wyffels	W8268	STX	116	225.2	15.8	1	34.4	715	4
Wyffels	W8918	STX	116	223.9	15.7	1	33.5	712	5
Lewis	R1414SS	STX,B	114	221.0	16.5	1	35.3	697	8
FS InVISION	FS 64SX1 RIB	STX,B	114	220.2	15.4	1	35.3	702	6
FS InVISION	FS 66ZV1	VT2P	116	219.7	16.3	1	32.5	694	12
Wyffels	W7696RIB	VT2P,B	113	219.5	15.4	6	33.5	700	7
Wyffels	W7888RIB	STX,B	114	219.3	16.0	1	33.5	695	10
LG Seeds	LG5643STX	STX	114	219.1	15.6	1	33.5	697	9
Renk	RK924DGV2P	VT2P,DG,B	114	218.0	15.8	1	34.4	692	13
NuTech/G2 Gen	5F-713^	AM,B	113	217.3	14.9	2	34.4	695	11
NuTech/G2 Gen	5F-515^	AM,B	115	216.4	16.4	5	33.5	683	15
Golden Harvest	G18D87-3000GT	3000GT	118	215.7	16.2	1	32.5	682	16
Epley	E2305RR	RR2	113	214.9	15.2	2	33.5	686	14
LG Seeds	LG5663VT2PRIB	VT2P,B	115	213.3	16.4	1	31.6	674	18
Renk	RK935SSTX	STX,B	114	211.1	14.9	2	34.4	676	17
Pioneer	P1417AMX GC	AMX,B	114	211.0	15.9	3	36.2	670	19
Becks	6365AM^	AM,B	113	208.6	15.6	6	35.3	664	20
Dekalb	DKC63-60RIB GC	STX,B	113	208.1	15.8	1	33.5	661	22
LG Seeds	LG5701VT2PRIB GC	VT2P,B	116	207.6	16.0	3	36.2	658	24
Golden Harvest	G16K01-3111	3111	116	206.6	15.4	2	30.7	659	23
LG Seeds	LG5650STX	STX	114	206.6	15.6	1	33.5	657	25
Pioneer	P1311AMXT GC	AMXT,B	113	205.2	15.3	4	29.7	655	26
Dekalb	DKC64-87RIB GC	STX,B	114	204.1	15.1	1	30.7	653	27
FS InVISION	FS 63ZV1 RIB	VT2P,B	113	204.1	15.4	1	38.1	651	28
Becks	6589V2P	VT2P,B	115	203.5	15.5	1	30.7	648	29
Prairie Brand	6394RA	STX,B	114	203.2	15.4	1	31.6	648	30
Prairie Brand	6305RA	STX,B	113	202.5	14.9	2	32.5	648	31
Pioneer	P1257AMXT CK	AMXT,B	112	207.6	15.0	5	36.2	664	21

Jason Beyers

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

Averages = **207.3** **15.7** **2** **33.2** **659**

LSD (0.10) = 19.2 1.0 4

LSD (0.25) = 13.3 0.7 3

C.V. = 6.8 Prev. years average yield, 194.9 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: *Planting was timely and the tests had very consistent and even plant emergence. During the growing season the plot progressed nicely with good timely rains and good weather, except for a 2 week late June hot and dry spell. There was a moderate to severe infestation of diplodia ear rot on most hybrids. Shawn commented that area producers were being docked significantly at local elevators.*

† 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: 9/29/2016 Revised:

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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
AgriGold	A6572STX GC	STX	AC,P5V	114					
Augusta	A5664GT3000	3000GT	CM,C1	114					
Becks	6365AM^	AM,B	Es	113					
Becks	6418SXRIB	STX,B	Es	114					
Becks	6589V2P	VT2P,B	Es	115					
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-87RIB GC	STX,B	ACHD,P5V	114					
Epley	E2305RR	RR2	MQ	113					
FS InVISION	FS 63ZV1 RIB	VT2P,B	AC,P2	113					
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 66ZV1	VT2P	AC,P5V	116					
Golden Harvest	G14R38-3000GT	3000GT	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Golden Harvest	G18D87-3000GT	3000GT	AVC,C5,Vi	118					
Kruger	K4R-9116	STX,B	AC,P5V	116					
Kruger	KR-4917	VT2P,B	AC,P5V	116					
Lewis	R1414SS	STX,B	AC,P5V	114					
LG Seeds	LG5643STX	STX	AC,P5V	114					
LG Seeds	LG5650STX	STX	AC,P5V	114					
LG Seeds	LG5663VT2PRIB	VT2P,B	AC,P5V	115					
LG Seeds	LG5701VT2PRIB GC	VT2P,B	AC,P5V	116					
NK Brand	N78S-3111 GC	3111	AVC,C5,Vi	116					
NuTech	5N-914	3000GT	MQ,P5V,R	114					
NuTech/G2 Gen	5F-015^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V,R	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5Z-1509^	OI	MQ,P1V,R	115					
Pfister	2770RASS	STX,B	CM,C5,Vi,In	113					
Pfister	3488HR	HX,RR2	CM,C5,Vi,In	115					
Pfister	73A2SS	STX	CM,C1,Vi,In	113					
Pfister	73C1VX	HXT,RR2	CM,C1,Vi,In	113					
Pioneer	P1257AMXT CK	AMXT,B	MQ,P1V	112					
Pioneer	P1311AMXT GC	AMXT,B	MQ,P1V,R	113					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
Prairie Brand	6305RA	STX,B	CM,C5,Vi,In	113					
Prairie Brand	6367SX	STX	CM,C1,Vi,In	113					
Prairie Brand	6394RA	STX,B	CM,C5,Vi,In	114					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961SSTX	STX	AC,P5V	116					
Wyffels	W7696RIB	VT2P,B	AC,P2	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					
Wyffels	W8268	STX	AC,P5V	116					
Wyffels	W8918	STX	AC,P5V	116					

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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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®, HPT®, 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Boreer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	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®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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