

2016 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] SALEM
 Jesse Steffensmeier, Lee County, IA 52649



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

PREV. CROP/HERB: Corn, 2+ yr / TripleFLEX, atrazine, Callisto, Roundup
 SOIL DESCRIPTION: Edina silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, high P, high K, 5.9 pH, 3% OM
 PEST MANAGEMENT: TripleFLEX, atrazine, Callisto, Roundup, Force
 FERTILITY - Applied N: 111 Fall, 100 Sidedress
 Applied N-P-K (units): 211-52-120
 SEEDING - RATE - ROW: Apr 15 32,500 /A 30" spacing
 HARVESTED - STAND: Sep 23 32,300 /A

Early-Season Test
107 - 112 Day CRM
 B2016MONE21a

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
Wyffels	W7456RIB	VT2P,B	112	264.3	19.0	1	29.7	814	1
LG Seeds	LG5618STXRIB	STX,B	112	249.2	19.0	1	31.6	768	2
NuTech/G2 Gen	X5Z-1001^	OI	110	246.9	18.3	2	32.5	766	5
Golden Harvest	G12W66-3000GT	3000GT	112	245.7	17.6	1	33.5	767	4
Pioneer	P1197AMXT GC	AMXT,B	111	244.4	17.3	2	33.5	765	6
Prairie Brand	6247SX	STX	112	241.1	17.6	2	33.5	753	7
Wyffels	W6946DGRIB	VT2P,DG,B	111	240.9	17.7	1	32.5	751	8
NK Brand	N66V-3000GT	3000GT	110	237.4	17.8	1	33.5	740	9
Golden Harvest	G07B39-3111A	3111,A	109	235.2	17.7	13	30.7	734	10
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	112	234.2	18.0	1	40.0	728	13
Augusta	A5658GT3000	3000GT	108	233.6	17.6	2	31.6	729	12
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	232.7	17.1	1	31.6	730	11
AgriGold	A6441STXRIB GC	STX,B	109	232.5	17.4	2	33.5	727	14
NuTech	5N-410	3000GT	110	230.5	18.5	3	31.6	713	16
FS InVISION	FS 60LX1	STX	110	230.4	17.3	1	32.5	721	15
NuTech/G2 Gen	5F-710^	AM,B	110	230.0	18.7	4	35.3	710	19
Pfister	71C1VX	HXT,RR2	111	229.3	18.3	1	34.4	711	18
Lewis	RD1511VT2P	VT2P,DG,B	111	229.3	18.4	1	32.5	710	20
Renk	RK815SSTX	STX	111	227.8	17.3	2	32.5	713	17
Becks	6225HR^	HX,RR2	112	227.2	18.9	1	32.5	700	24
Pfister	3366RASS	STX,B	112	226.2	18.9	2	31.6	697	25
NK Brand	N70J-3111A	3111,A	112	226.0	17.7	1	29.7	705	21
LG Seeds	LG5607VT2PRIB	VT2P,B	111	225.7	17.9	1	34.4	703	22
Augusta	A1108VT2ProRIB	VT2P,B	108	225.1	17.5	2	31.6	703	23
Dekalb	DKC61-54RIB GC	STX,B	111	222.2	18.2	2	32.5	690	30
LG Seeds	LG5548STXRIB	STX,B	108	222.1	17.6	1	31.6	693	27
FS InVISION	FS 61SV1 RIB	VT2P,B	111	221.8	18.4	1	33.5	687	31
Becks	6158AM^	AM,B	111	221.5	17.2	2	31.6	694	26
Becks	5828AM^	AM,AQ,B	110	221.5	17.5	1	30.7	692	28
Pfister	69B1VX	HXT,RR2	109	221.2	17.5	5	30.7	691	29
Pioneer	P1257AMXT CK	AMXT,B	112	245.7	17.5	1	30.7	768	3

Jason Beyers
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Averages = **227.8** **17.9** **2** **32.3** **709**

LSD (0.10) = 13.7 1.0 3

LSD (0.25) = 9.6 0.7 2

C.V. = 4.4

New test site, no yield history

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

Test Comments: *This is a very nice uniform plot area. It was planted early and had nice uniform emergence. Growing conditions were nearly ideal all year. There was adequate rainfall all season long. Ears that were still standing upright at harvest, had kernels sprouting at the base. Plant health was still excellent at harvest with very little lodging, disease, or insect damage to note.*

† 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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 SOIL CONDITION: Conventional w/ fall till, high P, high K, 5.9 pH, 3% OM
 PEST MANAGEMENT: TripleFLEX, atrazine, Callisto, Roundup, Force
 FERTILITY - Applied N: 111 Fall, 100 Sidedress
 Applied N-P-K (units): 211-52-120
 SEEDING - RATE - ROW: Apr 15 32,500 /A 30" spacing
 HARVESTED - STAND: Sep 23 31,800 /A

Full-Season Test
113 - 116 Day CRM
 B2016MONE21b

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
FS InVISION	FS 64SX1 RIB	STX,B	114	256.6	19.3	1	31.6	788	1
Kruger	K4R-9116	STX,B	116	255.2	19.9	1	32.5	779	2
Lewis	R1414SS	STX,B	114	249.8	18.8	1	32.5	771	4
Kruger	KR-4917	VT2P,B	116	249.8	20.0	1	30.7	762	7
NuTech/G2 Gen	5F-713^	AM,B	113	249.6	18.2	1	34.4	775	3
NuTech/G2 Gen	X5Z-1509^	OI	115	249.4	19.3	2	28.8	766	5
LG Seeds	LG5663VT2PRIB	VT2P,B	115	247.2	20.9	1	30.7	747	11
Golden Harvest	G18D87-3000GT	3000GT	118	246.8	22.4	1	30.7	735	16
FS InVISION	FS 66ZV1	VT2P	116	246.5	18.5	1	34.4	763	6
Becks	6365AM^	AM,B	113	244.9	19.4	1	33.5	751	9
Renk	RK941SSTX	STX,B	114	243.1	19.0	2	31.6	749	10
Dekalb	DKC63-60RIB GC	STX,B	113	242.8	19.2	1	32.5	746	12
Golden Harvest	G14R38-3000GT	3000GT	114	241.6	20.0	1	32.5	737	15
NK Brand	N78S-3111 GC	3111	116	240.3	18.9	2	31.6	741	14
Pioneer	P1311AMXT GC	AMXT,B	113	240.0	18.1	1	29.7	746	13
Renk	RK924DGV2P	VT2P,DG,B	114	238.4	18.9	3	30.7	735	17
Pfister	3488HR	HX,RR2	115	237.7	18.8	2	30.7	734	18
LG Seeds	LG5643STX	STX	114	237.2	18.9	1	30.7	731	19
Wyffels	W7696RIB	VT2P,B	113	237.0	19.7	2	31.6	725	21
FS InVISION	FS 63ZV1 RIB	VT2P,B	113	236.1	19.4	2	32.5	724	22
Wyffels	W7888RIB	STX,B	114	235.9	19.3	1	32.5	724	23
Renk	RK961SSTX	STX	116	235.9	19.8	1	31.6	721	25
Epley	E2305RR	RR2	113	235.6	18.9	2	31.6	726	20
Pioneer	P1417AMX GC	AMX,B	114	234.8	19.1	1	33.5	722	24
NuTech/G2 Gen	5F-515^	AM,B	115	234.8	19.6	5	34.4	719	26
Wyffels	W8268	STX	116	234.3	20.9	1	35.3	708	30
NuTech/G2 Gen	5F-015^	AM,B	115	234.1	19.5	1	33.5	718	27
LG Seeds	LG5650STX	STX	114	233.3	19.7	1	34.4	714	28
Becks	6418SXRIB	STX,B	114	232.7	20.0	1	27.9	710	29
Augusta	A5664GT3000	3000GT	114	230.2	19.2	1	31.6	708	31
Pioneer	P1257AMXT CK	AMXT,B	112	242.2	17.8	2	33.5	755	8

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Averages = **234.3** **19.4** **1** **31.8** **718**

LSD (0.10) = 19.8 1.5 2

LSD (0.25) = 13.8 1.1 1

C.V. = 6.2 New test site, no yield history

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

Test Comments: *This is a very nice uniform plot area. It was planted early and had nice uniform emergence. Growing conditions were nearly ideal all year. There was adequate rainfall all season long. Ears that were still standing upright at harvest, had kernels sprouting at the base. Plant health was still excellent at harvest with very little lodging, disease, or insect damage to note.*

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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
AgriGold	A6441STXRIB GC	STX,B	AC,P5V	109					
AgriGold	A6462STXRIB GC	STX,B	AC,P5V	110					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Becks	5828AM^	AM,AQ,B	Es	110					
Becks	6076V2P	VT2P,B	Es	110					
Becks	6158AM^	AM,B	Es	111					
Becks	6225HR^	HX,RR2	Es	112					
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108					
Dekalb	DKC61-54RIB GC	STX,B	ACHD,P5V	111					
FS InVISION	FS 60LX1	STX	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
FS InVISION	FS 61SV1 RIB	VT2P,B	AC,P2	111					
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	AC,P2	112					
Golden Harvest	G07B39-3111A	3111,A	AVC,C2,Vi	109					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Lewis	RD1511VT2P	VT2P,DG,B	AC,P5V	111					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NK Brand	N66V-3000GT	3000GT	AVC,C5,Vi	110					
NK Brand	N70J-3111A	3111,A	AVC,C5,Vi	112					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	X5V-0707	3111	AVC,C2,Vi	107					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5F-710^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5Z-1001^	OI	MQ,P1V,R	110					
Pfister	3366RASS	STX,B	CM,C5,Vi,In	112					
Pfister	69B1VX	HXT,RR2	CM,C1,Vi,In	109					
Pfister	70A1SSR	STX	CM,C1,Vi,In	110					
Pfister	71C1VX	HXT,RR2	CM,C1,Vi,In	111					
Pioneer	P1197AMXT GC	AMXT,B	MQ,P1V	111					
Pioneer	P1257AMXT CK	AMXT,B	MQ,P1V	112					
Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	108					
Prairie Brand	6247SX	STX	CM,C1,Vi,In	112					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Renk	RK815SSTX	STX	AC,P5V	111					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111					
Wyffels	W7456RIB	VT2P,B	AC,P2	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
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 Borer	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.