

2016 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] CLARENCE
 Jake Barry, Shelby County, MO 63437



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

PREV. CROP/HERB: Fallow / None
 SOIL DESCRIPTION: Mexico-Leonard silt loam, moderately drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, moderate P, moderate K, 5.3 pH, 2.8% OM
 PEST MANAGEMENT: SureStart, atrazine, Mustang Max, Force
 FERTILITY - Applied N: 11 Fall, 30 Spring, 100 Sidedress
 Applied N-P-K (units): 141-52-60
 SEEDING - RATE - ROW: Apr 16 32,500 /A 30" spacing
 HARVESTED - STAND: Oct 19 33,100 /A

Early-Season Test

107 - 112 Day CRM
 B2016MONE23a

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	220.8	15.0	2	34.4	707	1
NK Brand	N66V-3000GT	3000GT	110	215.7	14.6	2	35.3	690	2
Augusta	A5658GT3000	3000GT	108	214.6	14.4	1	32.5	687	4
LG Seeds	LG5618STXRIB	STX,B	112	211.7	15.1	4	29.7	677	5
Golden Harvest	G07B39-3111A	3111,A	109	211.2	14.8	3	32.5	676	6
Becks	6225HR^	HX,RR2	112	209.5	15.2	2	33.5	669	7
Golden Harvest	G12W66-3000GT	3000GT	112	208.2	14.9	1	33.5	666	8
Pioneer	P1197AMXT GC	AMXT,B	111	208.0	14.2	2	32.5	666	9
Pfister	69B1VX	HXT,RR2	109	207.4	14.8	2	31.6	664	10
NK Brand	N70J-3111A	3111,A	112	205.7	14.8	4	39.0	658	11
Pfister	71C1VX	HXT,RR2	111	204.0	14.8	4	35.3	653	12
FS InVISION	FS 60LX1	STX	110	202.6	14.7	1	34.4	648	13
FS InVISION	FS 61SV1 RIB	VT2P,B	111	202.5	14.8	1	33.5	648	14
NuTech/G2 Gen	X5Z-1001^	OI	110	202.4	14.8	2	36.2	648	15
Pfister	3366RASS	STX,B	112	202.0	14.7	2	34.4	646	16
NuTech	5N-410	3000GT	110	199.2	14.5	1	32.5	637	17
LG Seeds	LG5607VT2PRIB	VT2P,B	111	198.4	14.4	1	35.3	635	18
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	197.8	14.7	1	30.7	633	19
Pfister	70A1SSR	STX	110	197.3	14.3	1	31.6	631	20
Augusta	A1108VT2ProRIB	VT2P,B	108	196.7	14.5	1	33.5	629	21
Renk	RK871VT2P	VT2P,B	111	196.5	14.8	1	31.6	629	22
Renk	RK810SSTX	STX,B	110	195.7	14.8	1	31.6	626	23
FS InVISION	FS 60QV1 RIB	VT2P,B	110	194.0	14.7	1	29.7	621	24
NuTech/G2 Gen	5F-510^	AM,B	110	193.3	14.8	1	32.5	619	25
AgriGold	A6462STXRIB GC	STX,B	110	193.1	14.7	1	31.6	618	26
Prairie Brand	5815RA	STX,B	108	192.4	14.5	1	32.5	616	27
Augusta	A5062GT3110	3110	112	191.8	15.1	4	29.7	613	28
NuTech	X5V-0707	3111	107	190.5	14.1	1	34.4	610	29
NuTech/G2 Gen	5F-710^	AM,B	110	190.5	14.5	1	35.3	610	30
LG Seeds	LG5548STXRIB	STX,B	108	190.5	14.7	1	35.3	610	31
Pioneer	P1257AMXT CK	AMXT,B	112	215.0	14.5	2	32.5	688	3

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

Averages = **197.1** **14.7** **2** **33.1** **631**

LSD (0.10) = 18.1 0.3 3

LSD (0.25) = 12.6 0.2 2

C.V. = 6.8 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: *Planting conditions were excellent and emergence was just as good. Favorable condition followed for about two weeks. Excess water caused a large amount of plant height unevenness across the plot. Drier conditions during June helped to even things out and overcome some of the differences. By harvest, plant stalks were slender and becoming weak. There were several leaf diseases and stalk rots.*

† 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: SureStart, atrazine, Mustang Max, Force
 FERTILITY - Applied N: 11 Fall, 30 Spring, 100 Sidedress
 Applied N-P-K (units): 141-52-60
 SEEDING - RATE - ROW: Apr 16 32,500 /A 30" spacing
 HARVESTED - STAND: Oct 19 33,600 /A

Full-Season Test
113 - 116 Day CRM
 B2016MONE23b

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
Kruger	K4R-9116	STX,B	116	227.5	15.5	12	34.4	725	1
Wyffels	W8918	STX	116	224.6	15.2	1	33.5	717	2
Wyffels	W8268	STX	116	220.0	15.0	5	35.3	704	3
NuTech/G2 Gen	5F-015^	AM,B	115	218.9	15.4	10	31.6	698	4
AgriGold	A6572STX GC	STX	114	216.2	15.4	7	37.2	689	5
FS InVISION	FS 64SX1 RIB	STX,B	114	214.3	15.3	10	35.3	684	6
NK Brand	N78S-3111 GC	3111	116	213.3	15.0	25	32.5	683	7
Pfister	2770RASS	STX,B	113	212.9	15.1	9	34.4	681	8
Lewis	R1414SS	STX,B	114	212.7	15.0	20	33.5	681	9
Wyffels	W7696RIB	VT2P,B	113	212.2	14.5	11	33.5	679	10
LG Seeds	LG5643STX	STX	114	212.0	15.2	25	32.5	677	12
NuTech	5N-914	3000GT	114	211.9	14.8	1	32.5	678	11
Augusta	A5664GT3000	3000GT	114	211.4	15.0	5	34.4	676	13
Dekalb	DKC64-87RIB GC	STX,B	114	210.8	15.1	10	34.4	674	14
Wyffels	W7888RIB	STX,B	114	209.3	15.1	6	32.5	669	15
Becks	6365AM^	AM,B	113	208.6	14.7	9	33.5	668	16
Pioneer	P1311AMXT GC	AMXT,B	113	208.3	15.0	11	32.5	667	17
Dekalb	DKC63-60RIB GC	STX,B	113	207.1	14.8	5	33.5	663	18
Golden Harvest	G14R38-3000GT	3000GT	114	206.7	14.9	2	33.5	661	19
LG Seeds	LG5663VT2PRIB	VT2P,B	115	205.7	15.3	22	34.4	656	20
FS InVISION	FS 66ZV1	VT2P	116	205.3	15.1	5	33.5	656	21
Renk	RK935SSTX	STX,B	114	204.1	15.1	14	32.5	653	22
Prairie Brand	6305RA	STX,B	113	204.0	14.7	9	34.4	653	23
Pfister	73A2SS	STX	113	203.5	15.3	2	32.5	649	24
NuTech/G2 Gen	X5Z-1509^	OI	115	202.9	14.9	25	35.3	649	25
Renk	RK961SSTX	STX	116	202.4	14.9	2	31.6	648	26
Prairie Brand	6394RA	STX,B	114	202.3	14.8	13	36.2	647	27
Pfister	3488HR	HX,RR2	115	200.2	14.7	23	30.7	641	28
LG Seeds	LG5650STX	STX	114	200.2	15.3	6	34.4	639	29
Prairie Brand	6367SX	STX	113	199.7	15.0	9	33.5	639	30
Pioneer	P1257AMXT CK	AMXT,B	112	193.9	14.6	18	35.3	620	37

Jason Beyers

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Averages = **203.8** **15.0** **13** **33.6** **651**
 LSD (0.10) = 17.7 0.3 16
 LSD (0.25) = 12.3 0.2 11
 C.V. = 6.4

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

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† 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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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.