

2015 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] DANVILLE

Matt & Tom Parrot, Parrott Farms, Des Moines County, IA 52623



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

PREV. CROP/HERB: Corn / Corvus, atrazine, Laudis, atrazine
 SOIL DESCRIPTION: Taintor/Mahaska silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.7 pH, 3.8% OM
 PEST MANAGEMENT: Corvus, atrazine, DiFlexx, Roundup, Stratego YLD, Force
 FERTILITY - Applied N: 172 Fall, 70 Spring
 Applied N-P-K (units): 242-57-100
 SEEDING - RATE - ROW: Apr 29 35,100 /A 30" spacing
 HARVESTED - STAND: Sep 23 34,700 /A

Early-Season Test

107 - 112 Day CRM

B2015MONE19a

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 5828AM^	AM,AQ,B	110	240.0	19.5	9	33.5	832	1
LG Seeds	LG2620VT3PRIB	VT3P,B	113	238.6	19.0	17	33.5	830	2
Golden Harvest	G10S30-3110 GC	3110	110	237.2	19.4	49	38.1	823	3
Augusta	A5658GTCBLL	GT/CB/LL	108	236.5	19.5	13	35.3	819	4
Kruger	K4R-9511	STX,B	111	234.3	20.2	30	34.4	807	7
Beck	XL 6165^	OIX	111	234.1	19.8	27	36.2	809	5
Golden Harvest	G07F23-3111 GC	3111	107	233.3	19.5	15	34.4	808	6
Wyffels	W7246	VT2P	111	233.2	19.6	13	34.4	807	8
FS InVISION	FS 61SX1 RIB	STX,B	111	233.1	19.8	15	36.2	806	9
LG Seeds	LG2549VT3PRIB	VT3P,B	109	232.3	19.4	26	33.5	806	10
Beck	Phoenix 5832A3^	3011A	112	231.6	20.4	20	35.3	796	14
Dekalb	DKC58-06RIB GC	STX,B	108	231.5	20.1	20	37.2	798	11
Titan Pro	TP 58-10 SS	STX	110	231.2	20.8	26	31.6	792	16
Wyffels	W7108RIB	STX,B	111	230.8	20.1	23	34.4	796	15
NuTech/G2 Gen	5F-709^	AM,B	109	230.7	19.9	17	33.5	797	12
FS InVISION	FS 60ZX1 RIB	STX,B	110	229.5	19.9	23	39.0	792	17
Dekalb	DKC60-67RIB GC	STX,B	110	229.0	21.6	31	35.3	779	20
Prairie Brand	5815RA	STX,B	107	228.9	20.1	20	33.5	789	18
Kruger	KR-4709	VT2P,B	109	226.6	20.6	26	32.5	778	21
Renk	RK871VT2P	VT2P	111	225.7	19.4	23	31.6	783	19
NuTech/G2 Gen	5F-510^	AM,B	110	224.4	20.1	25	36.2	774	22
Titan Pro	TP 55-11 2P	VT2P	111	222.1	19.5	27	34.4	770	23
Wyffels	W7456	VT2P	112	222.0	20.1	23	37.2	765	26
Pfister	X12546S2R4	STX,B	107	221.4	19.6	16	34.4	766	25
NuTech/G2 Gen	5Z-308^	OI	108	221.2	19.2	26	33.5	768	24
Kruger	K4R-9910	STX,B	110	221.2	19.9	12	35.3	764	27
FS InVISION	FS 62SX1 RIB	STX,B	112	221.1	20.1	27	31.6	762	28
Kruger	K4R-9512	STX,B	112	219.6	19.5	31	32.5	761	29
Pfister	67A1	HXT,RR2	107	216.9	19.7	10	35.3	750	30
LG Seeds	LG5607VT2PRIB	VT2P,B	111	214.9	18.8	23	33.5	749	31
Pioneer	P1221AMXT CK	AMXT,B	112	231.7	20.5	20	35.3	796	13

Jason Beyers

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Averages = **222.6** **19.8** **24** **34.7** **769**

LSD (0.10) = 15.4 1.4 18

LSD (0.25) = 10.7 1.0 12

C.V. = 5.1 5.2

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

Test Comments: *Planting conditions were ideal this spring. Compared to other areas, emergence was good for this planting date, as cool wet rains followed. Rainfall was more than ample; June 8 in., July 10 in. June 20 a strong wind caused some root lodging and green snap. Northern corn leaf blight and common rust were present on most hybrids. We found some evidence of Anthracnose stalk rot at harvest.*

† 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: Mod. High P, mod. high K, 6.7 pH, 3.8% OM
 PEST MANAGEMENT: Corvus, atrazine, DiFlexx, Roundup, Stratego YLD, Force
 FERTILITY - Applied N: 172 Fall, 70 Spring
 Applied N-P-K (units): 242-57-100
 SEEDING - RATE - ROW: Apr 29 35,100 /A 30" spacing
 HARVESTED - STAND: Sep 23 35,500 /A

Full-Season Test

113 - 116 Day CRM

B2015MONE19b

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	6948A3	3000GT	115	257.5	21.2	10	34.4	879	1
NuTech/G2 Gen	5Z-015^	OI	115	254.9	20.4	17	35.3	876	2
Pfister	73A1SS	STX	113	247.0	20.5	16	36.2	848	3
Pfister	2770RA	STX,B	113	245.9	22.1	14	39.0	833	6
Pfister	3366RA	STX,B	112	243.7	22.4	15	36.2	823	8
FS InVISION	FS 66JV4 RIB	VT3P,B	116	243.2	20.1	30	36.2	838	4
Beck	XL 6365AM^	AM,B	113	241.9	20.0	26	37.2	835	5
Wyffels	W7888RIB	STX,B	114	241.5	20.2	30	36.2	832	7
Renk	RK935SSTX	STX,B	114	239.1	20.9	20	36.2	818	9
NuTech/G2 Gen	5F-515^	AM,B	115	238.2	20.5	42	35.3	818	10
Pfister	X14730VH	HXT,RR2	113	237.6	22.3	12	35.3	803	15
LG Seeds	LG5618STXRIB	STX,B	112	236.9	20.1	28	32.5	817	11
LG Seeds	LG5622STXRIB	STX,B	113	236.0	20.9	26	35.3	808	14
Channel	214-45STXRIB	STX,B	114	235.1	19.9	27	36.2	812	12
Prairie Brand	6394RA	STX,B	114	234.7	23.1	17	36.2	788	20
Lewis	R1414VT2P	VT2P,B	113	233.2	19.2	27	37.2	810	13
Beck	Phoenix 6542A4^	3111	115	232.4	21.4	22	33.5	792	18
Channel	217-07VT2PRIB	VT2P,B	117	231.9	21.1	14	34.4	792	19
NuTech/G2 Gen	5F-713^	AM,B	113	231.4	19.8	11	35.3	800	16
Dekalb	DKC64-87RIB GC	STX,B	114	231.2	20.3	30	33.5	796	17
Augusta	A4564GENSS	STX	114	228.1	21.1	17	34.4	779	22
Channel	215-81VT2PRIB	VT2P,B	115	227.0	20.0	37	37.2	783	21
Pioneer	P1417AMX	AMX,B	114	226.1	21.3	19	38.1	771	25
Renk	RK941SSTX	STX,B	114	226.0	20.7	34	36.2	775	23
Wyffels	W8376RIB	VT2P,B	115	225.9	21.4	17	37.2	770	27
Augusta	A5063VT2Pro	VT2P	113	225.3	21.4	9	31.6	768	28
Lewis	R1313VT2P	VT2P,B	113	224.1	19.9	33	33.5	774	24
Kruger	K4R-9313	STX,B	113	223.7	20.1	25	34.4	771	26
Titan Pro	TP 56-14 2P	VT2P	114	221.8	19.9	22	37.2	766	29
FS InVISION	FS 65SV4 RIB	VT3P,B	115	221.6	20.3	33	38.1	763	30
Pioneer	P1221AMXT CK	AMXT,B	112	213.4	20.3	52	35.3	734	37

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Averages =	226.9	20.8	26	35.5	778
LSD (0.10) =	19.9	1.2	15		
LSD (0.25) =	13.9	0.8	11		
C.V. =	6.5	4.3			

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

Test Comments: *Planting conditions were ideal this spring. Compared to other areas, emergence was good for this planting date, as cool wet rains followed. Rainfall was more than ample; June 8 in., July 10 in. June 20 a strong wind caused some root lodging and green snap. Northern corn leaf blight and common rust were present on most hybrids. We found some evidence of Anthracnose stalk rot at harvest.*

† 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
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.