

2014 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
 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, Laudis, atrazine, Stratego YLD, Force
 FERTILITY - Applied N: 172 Fall, 70 Spring
 Applied N-P-K (units): 242-57-100
 SEEDED - RATE - ROW: May 5 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 7 34,400 /A

Early-Season Test

107 - 112 Day CRM

B2014MONE19a

Top 30 of 36

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	255.5	24.0	2	39.0	876	3
LG Seeds	LG560VT2PRIB	VT2P,B	AC,P5V	111	254.2	24.0	1	35.3	872	5
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	253.8	21.6	1	35.3	889	1
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	252.9	25.8	1	36.2	854	9
Renk	RK860VT3P	VT3P,B	AC,P2	111	250.8	23.1	1	33.5	867	6
Lewis	R1407VT2P	VT2P,B	AC,P5V	107	250.5	22.0	1	34.4	874	4
NuTech/G2 Gen	X5Z-1209^	OI	MQ,P1V,R	112	249.7	21.1	1	36.2	878	2
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	247.7	22.7	1	30.7	859	8
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	246.6	26.6	1	35.3	827	14
Renk	RK791SSTX	STX,B	AC,P2	108	246.2	21.5	2	32.5	863	7
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	244.9	26.0	1	34.4	825	18
Prairie Brand	6305RA	STX,B	CM,C2	113	243.7	26.5	2	34.4	818	23
Channel	212-86STXRIB	STX,B	AC,P5V	112	242.8	24.5	2	34.4	829	13
Pfister	2595RA	STX,B	CM,C2	111	242.6	25.3	1	34.4	823	19
Channel	209-53STXRIB	STX,B	AC,P5V	109	242.1	22.5	1	34.4	841	10
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	240.9	24.0	7	35.3	826	16
Renk	RK834SSTX	STX	AC,P2	111	240.5	23.7	2	33.5	827	15
Renk	RK776SSTX	STX,B	AC,P2	107	239.2	23.2	1	30.7	826	17
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	239.2	24.5	1	34.4	817	24
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	238.8	21.6	1	30.7	836	11
Prairie Brand	1121RA	STX,B	CM,C2	112	238.8	25.2	2	36.2	810	26
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	238.2	23.2	2	35.3	823	20
Augusta	A5658GT3000	3000GT	CM,C2	108	236.0	22.5	2	34.4	820	21
Beck	XL 6175AM^	AM,B	Es,P1V	112	235.0	23.8	2	30.7	807	27
Pfister	3366RA	STX,B	CM,C2	115	234.8	26.1	2	33.5	791	31
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	233.8	22.4	1	36.2	813	25
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	232.9	19.6	1	36.2	830	12
Pfister	2574RA	STX,B	CM,C2	110	231.8	23.9	10	35.3	796	29
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	229.3	23.0	1	34.4	793	30
Prairie Brand	5985SX	STX	CM,C2	111	228.4	21.5	2	35.3	801	28
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	240.3	24.7	4	36.2	819	22

Jason Beyers

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Test Average = **239.9** **23.6** **3** **34.4** **826**

LSD (0.10) = 12.7 1.3 10

LSD (0.25) = 8.8 0.9 7

C.V. = 3.9 4.2

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO non-GMO

Test Comments: This was an excellent corn test with very consistent soil. Tom commented, "The plot had a cool April, a cool summer, with no flooding rainfalls. There was no heavy winds and no hail." He also stated, "I would take another year just like this one." There was some evidence of stalk rot present at harvest and leaves showed signs of Anthracnose and gray leaf spot.

† 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, Laudis, atrazine, Stratego YLD, Force
 FERTILITY - Applied N: 172 Fall, 70 Spring
 Applied N-P-K (units): 242-57-100
 SEEDED - RATE - ROW: May 5 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 7 34,700 /A

Full-Season Test
113 - 116 Day CRM
 B2014MONE19b

Top 30 of 45
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	217-08VT3PRIB	VT3P,B	AC,P5V	117	262.3	27.9	2	35.3	869	3
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	260.6	26.7	2	37.2	873	2
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	260.3	25.1	1	36.2	884	1
Renk	RK935SSTX	STX	AC,P2	115	257.1	26.4	1	36.2	863	5
Renk	RK941SSTX	STX,B	AC,P2	114	255.8	28.0	2	35.3	847	8
Augusta	A5565VT2Pro	VT2P	CM,C1	115	255.3	26.9	1	32.5	853	6
NK Brand	N74R-3000GT	3000GT	AVC,C5	114	252.9	27.6	5	33.5	840	10
Wyffels	W8377	VT3P	AC,P5V	115	252.8	27.7	1	34.4	839	12
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	251.7	27.9	1	36.2	834	15
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	251.5	23.6	2	36.2	866	4
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	251.2	25.8	1	35.3	848	7
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	249.5	27.8	1	34.4	827	20
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	249.3	27.0	1	37.2	833	16
Wyffels	W7888RIB	STX,B	AC,P5V	114	249.1	25.5	1	34.4	843	9
Pfister	3488HR	HX,RR2	CM,C2	115	247.6	29.0	5	37.2	812	31
Pfister	2874RR	RR2	CM,C2	113	246.4	25.9	2	37.2	831	17
Augusta	A4564GENSS	STX	AC,P5V	114	245.9	27.2	1	35.3	820	28
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116	245.5	26.3	1	33.5	825	24
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	245.4	24.9	1	35.3	835	14
Renk	RK898SSTX	STX	AC,P2	113	244.7	25.2	1	33.5	831	18
Golden Harvest	G16K01-3111	3111	AVC,C5	116	244.4	27.3	11	35.3	814	30
LG Seeds	LG5630VT3PRIB	VT3P,B	AC,P5V	114	244.3	26.4	1	32.5	820	29
Pioneer	P1339AMX	AMX,B	MQ,P1V	113	243.9	25.5	5	35.3	826	21
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	243.8	24.1	9	37.2	836	13
Beck	6347	GT	Es,P1V	113	243.7	25.4	3	34.4	826	22
LG Seeds	LG5622STX	STX	AC,P5V	113	243.3	25.9	2	31.6	821	27
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	243.2	25.5	1	29.7	823	25
Beck	XL 6626AM^	AM,B	Es,P1V	114	243.1	24.5	4	30.7	830	19
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	241.6	24.4	2	30.7	826	23
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	237.3	22.8	1	31.6	822	26
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112	243.2	23.2	3	36.2	840	11

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Test Average = **244.1** **26.3** **3** **34.7** **821**
 LSD (0.10) = 14.0 1.2 10
 LSD (0.25) = 9.7 0.8 7
 C.V. = 4.2 3.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO / non-GMO

Test Comments: This was an excellent corn test with very consistent soil. Tom commented, "The plot had a cool April, a cool summer, with no flooding rainfalls. There was no heavy winds and no hail." He also stated, "I would take another year just like this one." There was some evidence of stalk rot present at harvest and leaves showed signs of Anthracnose and gray leaf spot.

† 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 (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107					
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A4658GT3110	3110	CM,C5	108					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Beck	Phoenix 5832A3^	3011A	Es,P1V	112					
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110					
Beck	XL 6175AM^	AM,B	Es,P1V	112					
Channel	209-53STXRIB	STX,B	AC,P5V	109					
Channel	212-86STXRIB	STX,B	AC,P5V	112					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Lewis	R1407VT2P	VT2P,B	AC,P5V	107					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	X5Z-1209^	OI	MQ,P1V,R	112					
Pfister	2565VT3Pro	VT3P	AC,P5	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	3366RA	STX,B	CM,C2	115					
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112					
Prairie Brand	1121RA	STX,B	CM,C2	112					
Prairie Brand	5985SX	STX	CM,C2	111					
Prairie Brand	6305RA	STX,B	CM,C2	113					
Renk	RK776SSTX	STX,B	AC,P2	107					
Renk	RK791SSTX	STX,B	AC,P2	108					
Renk	RK834SSTX	STX	AC,P2	111					
Renk	RK860VT3P	VT3P,B	AC,P2	111					
Stine	R9631VT3Pro	VT3P,B	AC,P2	109					

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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	A6533VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114					
AgriGold	A6559STXRIB	STX,B	AC,P5V	113					
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Beck	6347	GT	Es,P1V	113					
Beck	Phoenix 6542A4^	3111	Es,P1V	115					
Beck	XL 6626AM^	AM,B	Es,P1V	114					
Channel	215-83STXRIB	STX,B	AC,P5V	115					
Channel	217-08VT3PRIB	VT3P,B	AC,P5V	117					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Golden Harvest	G16K01-3111	3111	AVC,C5	116					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	R1415VT2P	VT2P,B	AC,P5V	115					
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5622STX	STX	AC,P5V	113					
LG Seeds	LG5630VT3PRIB	VT3P,B	AC,P5V	114					
NK Brand	N74R-3000GT	3000GT	AVC,C5	114					
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	2874RR	RR2	CM,C2	113					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pfister	3497SS	STX	CM,C1	116					
Pioneer	P1221AMXT CK	AMXT,B	MQ,P1V	112					
Pioneer	P1339AMX	AMX,B	MQ,P1V	113					
Prairie Brand	1123RA	STX,B	CM,C2	113					
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116					
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116					
Renk	RK890SSTX	STX,B	AC,P2	113					
Renk	RK898SSTX	STX	AC,P2	113					
Renk	RK935SSTX	STX	AC,P2	115					
Renk	RK941SSTX	STX,B	AC,P2	114					
Stine	R9739VT3Pro	VT3P,B	AC,P2	114					
Stine	R9741EVT3Pro	VT3P,B	AC,P2	112					
Wyffels	W7736RIB	VT2P,B	AC,P5V	113					
Wyffels	W7806RIB	VT2P,B	AC,P5V	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					
Wyffels	W8377	VT3P	AC,P5V	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMa ^x ® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMa ^x ® and XL® are registered trademarks of DuPont Pioneer.
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)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	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® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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