

2013 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 silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 4.2% OM
 PEST MANAGEMENT: Corvus, Atrazine, Laudis, Stratego (2x), Tundra Supreme, Force
 FERTILITY - Applied N: 162 Fall, 75 Spring
 Applied N-P-K (units): 237-60-100
 SEEDING - RATE - ROW: May 17 37,500 /A 30" spacing
 HARVESTED - STAND: Oct 14 36,400 /A

Early-Season Test

107 - 112 Day CRM

B2013MONE19a

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
Renk	RK860VT3P	VT3P	AC,P2	111	249.9	18.8	2	34.4	1,221	1
Stine	9631VT3Pro	VT3P	CM,C2	109	246.4	18.8	2	35.3	1,204	2
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	243.8	21.0	3	37.2	1,175	4
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	241.5	17.5	3	34.4	1,189	3
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	237.0	19.8	1	36.2	1,151	5
Kruger	K4R-9911	STX,B	AC,P5V	110	235.9	19.2	4	38.1	1,150	6
Lewis	1308VT3P	VT3P	AC,P2	108	235.8	19.1	2	35.3	1,150	7
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	234.5	20.6	1	35.3	1,133	12
Pfister	2595RA	STX,B	CM,C2	111	234.1	18.3	4	36.2	1,147	9
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	233.9	18.6	10	36.2	1,144	11
Pfister	2672RA	STX,B	CM,C2	112	233.9	20.6	4	37.2	1,130	15
Renk	RK809GTCBLLRW	3000GT	CE,C2	110	233.8	17.7	1	36.2	1,150	8
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	232.7	19.7	1	35.3	1,131	13
FS InVISION	FS 61JX1	STX	AC,P5V	111	232.5	21.4	6	39.0	1,118	22
Renk	RK880SSTX	STX,B	AC,P5V	112	231.1	19.7	1	34.4	1,123	19
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	230.4	19.2	1	38.1	1,123	20
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	229.8	17.6	1	36.2	1,131	14
Kruger	K4R-9512	STX,B	AC,P5V	112	229.7	21.1	1	38.1	1,106	25
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	229.6	18.4	1	36.2	1,125	18
Kruger	K4R-9708	STX,B	AC,P5V	108	229.2	17.3	10	33.5	1,130	16
Green Valley	GV8033VT3P	VT3P	AC,P5V	110	229.2	19.2	1	38.1	1,117	23
NuTech	5B-410	GT/CB/LL	MQ,C2	110	228.8	17.2	1	38.1	1,129	17
Pfister	2574RA	STX,B	CM,C2	110	228.6	19.8	1	37.1	1,110	24
Stine	9632SS	STX	CM,C2	107	227.5	17.4	4	38.1	1,121	21
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	227.2	20.1	1	35.3	1,101	26
Green Valley	GV8243VT3P	VT3P	AC,P5V	111	224.2	19.6	1	32.5	1,090	28
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	221.9	17.5	1	37.2	1,093	27
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	221.8	20.1	1	37.1	1,075	31
Stine	9740VT3Pro	VT3P	CM,C2	110	221.5	19.7	7	38.1	1,076	30
Kruger	KR-7709	VT3P,B	AC,P5V	109	220.8	18.5	4	38.1	1,081	29
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	236.1	19.9	1	37.1	1,146	10

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Test Average = **229.5** **19.1** **3** **36.4** **1,119**
 LSD (0.10) = 13.4 1.4 ns
 C.V. = 4.3 5.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$5.00}{n/a}$ Local GMO non-GMO

Test Comments: *This was a beautiful corn on corn location. Plants started off great, with really good emergence. Mother Nature brought the wettest spring in a century followed with a dry summer. There was evidence of rust and gray leaf spot present at harvest, but stalk quality was holding. Plants were standing well, and there was good ear development after tasseling. Ears all had decent girth, length & kernel depth.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 10/15/2013 Revised:

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 PEST MANAGEMENT: Corvus, Atrazine, Laudis, Stratego (2x), Tundra Supreme, Force
 FERTILITY - Applied N: 162 Fall, 75 Spring
 Applied N-P-K (units): 237-60-100
 SEEDED - RATE - ROW: May 17 37,500 /A 30" spacing
 HARVESTED - STAND: Oct 14 36,600 /A

Full-Season Test
113 - 116 Day CRM
 B2013MONE19b

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
Kruger	KR-7913	VT3P,B	AC,P5V	113	257.6	21.0	3	35.3	1,242	1
LG Seeds	LG5618STX	STX	AC,P5V	113	256.9	21.5	1	38.1	1,234	2
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116	256.9	22.1	1	36.2	1,230	3
Renk	RK930VT3P	VT3P	AC,P2	115	252.6	21.2	5	35.3	1,216	5
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	251.3	21.8	3	37.2	1,205	6
Augusta	A4564GENSS	STX	M,D,P5	114	250.9	23.3	1	37.1	1,192	8
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	248.9	17.8	2	34.4	1,224	4
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	246.7	20.0	3	38.1	1,196	7
Pioneer	P1339AM1	AM1,B	MQ,P1V	113	244.1	20.5	5	37.1	1,180	9
Renk	RK941VT3P	VT3P	AC,P2	114	244.1	24.2	2	39.0	1,153	14
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113	242.0	23.6	1	39.0	1,148	16
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	241.6	20.2	1	37.1	1,170	10
Kruger	KR-4615	VT2P,B	AC,P5V	115	239.8	20.3	2	34.4	1,161	12
Kruger	K4R-9813	STX,B	AC,P5V	113	239.4	21.0	1	34.4	1,154	13
NuTech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	238.5	19.1	5	34.4	1,163	11
Wyffels	W7888RIB	STX,B	AC,P5V	114	236.8	20.4	2	36.2	1,146	17
Renk	RK890VT3P	VT3P	AC,P2	113	234.8	18.3	1	36.2	1,151	15
Pfister	2770RA	STX,B	CM,C2	113	234.4	21.0	7	34.4	1,130	21
Lewis	R1313VT2P	VT2P,B	AC,P5V	113	234.3	19.2	19	35.3	1,142	19
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	232.6	19.1	4	37.2	1,134	20
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	232.1	20.4	1	39.0	1,123	24
Channel	213-59STXRIB	STX,B	AC,P5V	113	231.7	19.8	4	39.9	1,125	23
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	231.5	20.4	11	36.2	1,120	25
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	231.4	19.4	3	37.1	1,126	22
NuTech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	228.7	21.5	1	35.3	1,099	29
NuTech/G2 Gen	5Z-113	OI	MQ,P1V,R	113	227.9	20.9	1	36.2	1,099	30
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	227.3	17.5	2	37.1	1,119	26
Lewis	R1415VT3P	VT3P,B	AC,P5V	115	227.0	19.8	1	37.1	1,102	28
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	225.9	18.4	18	36.2	1,106	27
Green Valley	GV8443VT3PRIB	VT3P,B	AC,P5V	114	224.0	19.8	1	36.2	1,088	31
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112	234.7	19.2	2	38.1	1,144	18

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Test Average = **236.5** **20.5** **4** **36.6** **1,143**
 LSD (0.10) = 15.0 1.4 6
 C.V. = 4.7 5.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$5.00}{n/a}$ Local GMO non-GMO

Test Comments: *This was a beautiful corn on corn location. Plants started off great, with really good emergence. Mother Nature brought the wettest spring in a century followed with a dry summer. There was evidence of rust and gray leaf spot present at harvest, but stalk quality was holding. Plants were standing well, and there was good ear development after tasseling. Ears all had decent girth, length & kernel depth.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = 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	109					
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110					
Augusta	A4658GT3110	3110	CE,C2	108					
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108					
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107					
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109					
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110					
FS InVISION	FS 61JX1	STX	AC,P5V	111					
Green Valley	GV8033VT3P	VT3P	AC,P5V	110					
Green Valley	GV8243VT3P	VT3P	AC,P5V	111					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9911	STX,B	AC,P5V	110					
Kruger	KR-7709	VT3P,B	AC,P5V	109					
Lewis	1308VT3P	VT3P	AC,P2	108					
Lewis	R1407SS	STX,B	AC,P5V	107					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109					
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111					
NuTech	5B-410	GT/CB/LL	MQ,C2	110					
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111					
NuTech/G2 Gen	5Z-1205	OI	MQ,P1V,R	112					
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112					
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109					
Pfister	2524SS	STX	CM,C2	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pfister	2595RA	STX,B	CM,C2	111					
Pfister	2672RA	STX,B	CM,C2	112					
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112					
Renk	RK809GTCBLLRW	3000GT	CE,C2	110					
Renk	RK860VT3P	VT3P	AC,P2	111					
Renk	RK880SSTX	STX,B	AC,P5V	112					
Stine	9631VT3Pro	VT3P	CM,C2	109					
Stine	9632SS	STX	CM,C2	107					
Stine	9740VT3Pro	VT3P	CM,C2	110					

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114					
Augusta	A4564GENSS	STX	M,D,P5	114					
Augusta	A5565VT3Pro	VT3P	M,D,P5	114					
Channel	213-59STXRIB	STX,B	AC,P5V	113					
Channel	214-14VT3PRIB	VT3P,B	AC,P5V	114					
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115					
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V,Z	113					
FS InVISION	FS 65CX1 RIB	STX,B	AC,P5V,Z	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2,Z	116					
Green Valley	GV8443VT3PRIB	VT3P,B	AC,P5V	114					
Kruger	K4R-9315	STX,B	AC,P5V	115					
Kruger	K4R-9813	STX,B	AC,P5V	113					
Kruger	KR-4615	VT2P,B	AC,P5V	115					
Kruger	KR-7913	VT3P,B	AC,P5V	113					
Lewis	R1313VT2P	VT2P,B	AC,P5V	113					
Lewis	R1415VT3P	VT3P,B	AC,P5V	115					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5618STX	STX	AC,P5V	113					
NuTech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115					
NuTech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116					
NuTech/G2 Gen	5Z-113	OI	MQ,P1V,R	113					
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115					
Pfister	2770RA	STX,B	CM,C2	113					
Pfister	3488HR	HX,RR2	CM,C2	115					
Pioneer	P1221AMX CK	AMX,B	MQ,P1V	112					
Pioneer	P1339AM1	AM1,B	MQ,P1V	113					
Renk	RK858VT3P	VT3P	AC,P2	113					
Renk	RK890VT3P	VT3P	AC,P2	113					
Renk	RK930VT3P	VT3P	AC,P2	115					
Renk	RK941VT3P	VT3P	AC,P2	114					
Stine	R9739VT3Pro	VT3P,B	AC,P2	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					

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. VPMaXX® 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®, VPMaXX® 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 F.I.R.S.T. when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,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)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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