

2016 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BALDWIN CITY
 Luke Ulrich, Douglas County, KS 66006



PREV. CROP/HERB: Corn / Halex GT, atrazine
 SOIL DESCRIPTION: Martin silty clay loam, moderately drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, moderate P, moderate K, 6.9 pH, 2.1% OM
 PEST MANAGEMENT: Halex GT, atrazine, 2-4,D, glyphosate
 FERTILITY - Applied N: 140 Spring, 20 Sidedress
 Applied N-P-K (units): 160-50-50
 SEEDING - RATE - ROW: Apr 12 29,500 /A 30" spacing
 HARVESTED - STAND: Nov 15 28,800 /A

Early-Season Test
107 - 112 Day CRM
 B2016KSNE03a

Top 30 of 36

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
Ohlde	O 26-10VT2ProRB	VT2P,B	110	213.9	15.0	0	27.9	620	1
Lewis	10SS747 GC	STX,B	110	205.8	15.0	0	28.2	597	2
Ohlde	O 25-09VT2ProRB	VT2P,B	109	199.5	15.0	0	28.9	579	3
NuTech/G2 Gen	5F-308^	AM,B	108	190.5	14.9	0	28.2	552	4
LG Seeds	LG5618STXRIB	STX,B	112	189.7	15.1	0	28.9	550	5
Lewis	RD1511VT2P GC	VT2P,DG,B	111	181.2	14.8	0	29.5	525	6
LG Seeds	LG2602VT3PRIB	VT3P,B	112	172.7	15.0	0	28.5	501	7
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	172.0	15.2	0	29.2	498	8
NuTech/G2 Gen	5F-510^	AM,B	110	171.1	15.3	0	28.9	495	9
Taylor	8821VT2Pro	VT2P	110	170.7	14.6	0	28.5	495	10
Augusta	A5062GT3110	3110	112	169.7	15.4	0	28.5	490	12
Renk	RK877DGV2T2P	VT2P,DG,B	111	169.5	15.0	0	28.9	492	11
Renk	RK815SSTX	STX	111	169.1	15.0	0	29.2	490	13
Pioneer	P1271AM GC	AM,B	112	168.5	15.0	0	28.9	489	14
Integra	6011VT2PRIB	VT2P	110	168.2	15.0	0	28.9	488	16
Renk	RK810SSTX	STX,B	110	167.0	14.8	0	28.5	484	17
Taylor	8012VT2ProDG	VT2P,DG,B	112	165.3	15.1	0	29.2	479	18
Renk	RK871VT2P	VT2P,B	111	160.1	15.0	0	29.2	464	19
Dyna-Gro	D52VC91	VT2P	112	157.1	15.4	0	28.5	454	20
Pioneer	P1197AM GC	AM,B	111	156.4	14.6	0	28.2	454	21
Lewis	08SS707	STX,B	108	154.6	15.0	0	29.2	448	22
Taylor	8808VT2ProRIB GC	VT2P,B	108	153.9	14.6	0	28.9	446	23
Integra	6273DGV2T2PRIB	VT2P,DG	112	150.6	14.7	0	29.9	437	24
AgriGold	A6472VT3PRIB	VT3P,B	110	150.1	14.9	0	28.9	435	25
Taylor	EXP C-109-13	VT2P	109	150.1	14.9	0	28.2	435	26
LG Seeds	LG5565STXRIB	STX,B	108	150.1	15.1	0	28.5	435	27
Ohlde	O 27-11VT2Pro	VT2P	111	149.4	15.3	0	29.5	432	28
Augusta	A5658GT3000	3000GT	108	148.9	15.2	0	29.2	431	29
Mycogen	2V709 GC	STX,B	110	147.5	14.7	0	28.2	428	30
Ohlde	O 24-05VT2ProRB	VT2P,B	105	147.5	14.9	0	28.2	428	31
Stine	R9732VT3Pro CK	VT3P,B	111	168.7	15.3	0	29.5	488	15

Adam Stuteville
 adam.stuteville@firstseedtests.com, (913) 206-6080

Averages = **163.8** **15.0** **0** **28.8** **475**

LSD (0.10) = 8.8 0.3 ns

LSD (0.25) = 6.1 0.2 ns

C.V. = 3.9 Prev. years average yield, 155.8 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.90; non-GMO = \$2.90

Test Comments: *A cool, wet May slowed early plant growth but a warm June helped it catch up. Very little disease pressure was observed here. Plants stood great at harvest. Ears were long and filled with kernels to the tip but ears were 12 to 14 kernel rows around instead of 16 to 18. This site had great final plant population numbers.*

† 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: Halex GT, atrazine, 2-4,D, glyphosate
 FERTILITY - Applied N: 140 Spring, 20 Sidedress
 Applied N-P-K (units): 160-50-50
 SEEDING - RATE - ROW: Apr 12 29,500 /A 30" spacing
 HARVESTED - STAND: Nov 15 28,900 /A

Full-Season Test
113 - 116 Day CRM
 B2016KSNE03b

Top 30 of 36

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
AgriGold	A6572STX	STX	114	210.9	15.5	0	29.2	609	1
NuTech/G2 Gen	5F-515^	AM,B	115	204.0	15.1	0	28.9	591	2
LG Seeds	LG5643STX	STX	114	201.2	15.3	0	29.2	582	3
Taylor	EXP A-113-13	VT2P	113	199.9	15.3	0	29.5	578	4
Integra	6474DGV2PRIB	VT2P,DG,B	114	199.0	15.0	0	29.5	577	5
Ohlde	O 26-13DGV2Pro	VT2P,DG	113	193.2	15.2	0	28.2	559	6
LG Seeds	LG5650STX	STX	114	191.1	15.4	0	28.2	552	7
Ohlde	O 27-17VT2Pro	VT2P	117	188.6	15.5	0	28.9	545	8
Lewis	14DP857	VT2P,B	114	188.4	15.4	0	28.5	544	9
Augusta	A5664GT3000	3000GT	114	186.6	15.3	0	30.2	540	10
Lewis	RD114VT2P	VT2P,DG,B	114	182.8	14.9	0	28.5	530	11
NuTech/G2 Gen	5F-113^	AM,B	113	182.4	15.2	0	28.2	528	12
Renk	RK924DGV2P	VT2P,DG,B	114	181.5	15.0	0	29.2	526	13
Renk	RK935SSTX	STX,B	114	180.0	14.8	0	29.2	522	14
NuTech/G2 Gen	5F-015^	AM,B	115	179.2	15.2	0	28.5	519	15
NuTech/G2 Gen	5F-713^	AM,B	113	179.1	14.9	0	28.2	519	16
AgriGold	A6652VT2Pro	VT2P	116	178.4	15.1	0	28.2	517	17
Golden Harvest	G16K01-3122EZ GC	3122,B	116	178.3	15.2	0	29.2	516	18
Taylor	8070VT2ProDG GC	VT2P,DG	112	178.1	15.1	0	29.9	516	19
AgriGold	A6619VT2RIBD1	VT2P,DG,B	114	177.9	15.1	0	28.5	515	20
LG Seeds	LG5663VT2PRIB	VT2P,B	115	176.3	15.4	0	28.9	510	21
Renk	RK961SSTX	STX	116	175.6	15.2	0	29.2	508	22
Renk	RK941SSTX	STX,B	114	174.6	15.5	0	28.9	504	23
Mycogen	2C799 GC	STX,B	113	172.3	15.1	0	29.9	499	24
Dyna-Gro	D54VC52	VT2P	114	169.9	15.3	0	28.5	491	26
Taylor	EXP C-115-13	VT2P	115	169.7	15.3	0	28.2	491	27
Taylor	8835VT2Pro	VT2P	114	169.5	15.2	0	29.2	491	28
Integra	9678VT3PRORIB	VT3P,B	117	168.7	15.4	0	28.2	488	29
Stine	R9741VT3Pro	VT3P,B	112	167.5	15.1	0	28.9	485	30
Pioneer	P1479AM GC	AM,B	114	165.9	15.1	0	29.2	481	31
Stine	R9732VT3Pro CK	VT3P,B	111	172.3	15.2	0	28.5	499	25

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Averages = **178.1** **15.2** **0** **28.9** **516**

LSD (0.10) = 10.4 0.2 ns

LSD (0.25) = 7.3 0.2 ns

C.V. = 4.3 Prev. years average yield, 155.8 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.90; non-GMO = \$2.90

Test Comments: *A cool, wet May slowed early plant growth but a warm June helped it catch up. Very little disease pressure was observed here. Plants stood great at harvest. Ears were long and filled with kernels to the tip but ears were 12 to 14 kernel rows around instead of 16 to 18. This site had great final plant population numbers.*

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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	A6441VT2RIB	VT2P,B	AC,P5V	109					
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Integra	6011VT2PRIB	VT2P	AC,P5V	110					
Integra	6273DGV2PRIB	VT2P,DG	AC,P5V	112					
Lewis	08SS707	STX,B	AC,P5V	108					
Lewis	10SS747 GC	STX,B	AC,P5V	110					
Lewis	RD1511VT2P GC	VT2P,DG,B	AC,P5V	111					
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG5554-3111	3111	AVC,C5,Vi	108					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2V709 GC	STX,B	CM,C2	110					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
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-811^	AM,B	MQ,P5V,R	111					
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	105					
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109					
Ohlde	O 26-10VT2ProRB	VT2P,B	AC,P2	110					
Ohlde	O 27-11VT2Pro	VT2P	AC,P2	111					
Pioneer	P1197AM GC	AM,B	MQ,C2,R	111					
Pioneer	P1271AM GC	AM,B	MQ,C2,Lu	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					
Stine	R9732VT3Pro CK	VT3P,B	AC,P2	111					
Taylor	8012VT2ProDG	VT2P,DG,B	AC,P2	112					
Taylor	8808VT2ProRIB GC	VT2P,B	CM,C2	108					
Taylor	8821VT2Pro	VT2P	AC,P2	110					
Taylor	EXP C-109-13	VT2P	AC,P2	109					

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6572STX	STX	AC,P5V	114					
AgriGold	A6619VT2RIBD1	VT2P,DG,B	AC,P5V	114					
AgriGold	A6652VT2Pro	VT2P	AC,P5V	116					
Augusta	A5664GT3000	3000GT	CM,C1	114					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Golden Harvest	G16K01-3122EZ GC	3122,B	AVC,C5,Vi	116					
Integra	6474DGV2PRIB	VT2P,DG,B	AC,P2	114					
Integra	9678VT3PRORIB	VT3P,B	AC,P5V	117					
Lewis	14DP857	VT2P,B	AC,P5V	114					
Lewis	16DP887 GC	VT2P,B	AC,P5V	116					
Lewis	RD114VT2P	VT2P,DG,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					
Mycogen	2C788 GC	STX,B	CM,C5,Vi,In	114					
Mycogen	2C799 GC	STX,B	CM,C2	113					
Mycogen	MY13K77RA GC	STX,B	CM,C5,Vi,In	113					
NuTech/G2 Gen	5F-015^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V,R	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
Ohlde	O 26-13DGV2Pro	VT2P,DG	AC,P2	113					
Ohlde	O 26-15VT2ProRB	VT2P,B	AC,P2	115					
Ohlde	O 27-16VT2Pro	VT2P	AC,P2	116					
Ohlde	O 27-17VT2Pro	VT2P	AC,P2	117					
Pioneer	P1479AM GC	AM,B	MQ,C2,R	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					
Stine	R9732VT3Pro CK	VT3P,B	AC,P2	111					
Stine	R9741VT3Pro	VT3P,B	AC,P2	112					
Taylor	8070VT2ProDG GC	VT2P,DG	AC,P2	112					
Taylor	8835VT2Pro	VT2P	AC,P2	114					
Taylor	EXP A-113-13	VT2P	AC,P2	113					
Taylor	EXP C-115-13	VT2P	AC,P2	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. 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.