

2016 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] STILWELL
Bruce Betts, Johnson County, KS 66013



PREV. CROP/HERB: Soybean / Prefix, Sencor
SOIL DESCRIPTION: Bucyrus silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, moderate P, moderate K, 7 pH, 2.5% OM
PEST MANAGEMENT: Dual II Magnum, atrazine, 2,4-D, glyphosate, Cadet
FERTILITY - Applied N: 160 Spring, 20 Planter
Applied N-P-K (units): 180-50-50
SEEDING - RATE - ROW: Apr 12 29,500 /A 30" spacing
HARVESTED - STAND: Sep 23 28,800 /A

Early-Season Test
107 - 112 Day CRM
B2016KSNE02a

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
Augusta	A1108VT2ProRIB	VT2P,B	108	181.4	18.8	0	28.5	509	1
NuTech/G2 Gen	5F-308^	AM,B	108	178.9	18.9	0	28.9	501	2
Dyna-Gro	D52VC91	VT2P	112	175.7	17.9	0	29.2	497	3
Renk	RK815SSTX	STX	111	175.2	18.7	0	29.2	492	4
Pioneer	P1197AM GC	AM,B	111	172.9	18.4	0	30.2	487	5
Taylor	EXP C-109-13	VT2P	109	172.5	19.5	0	28.9	481	7
Renk	RK877DGV2P	VT2P,DG,B	111	171.5	18.2	0	27.9	484	6
Ohlde	O 26-10VT2ProRB	VT2P,B	110	171.2	19.0	0	28.9	479	9
Ohlde	O 25-09VT2ProRB	VT2P,B	109	170.0	18.7	0	28.5	477	11
Integra	6011VT2PRIB	VT2P	110	169.9	18.9	0	27.5	476	12
Renk	RK871VT2P	VT2P,B	111	169.7	18.3	0	28.5	478	10
Ohlde	O 24-05VT2ProRB	VT2P,B	105	168.6	18.2	0	28.5	475	13
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	167.4	17.4	0	28.2	475	14
Pioneer	P1271AM GC	AM,B	112	166.2	18.5	0	27.9	467	15
Mycogen	2V709 GC	STX,B	110	165.4	18.4	0	29.9	466	16
Augusta	A5062GT3110	3110	112	162.8	18.8	0	28.9	457	17
AgriGold	A6441VT2RIB	VT2P,B	109	161.8	18.8	0	29.5	454	18
Integra	6273DGV2PRIB	VT2P,DG	112	161.6	19.7	0	28.9	450	23
NuTech/G2 Gen	5F-811^	AM,B	111	161.1	18.6	0	28.9	453	19
LG Seeds	LG5565STXRIB	STX,B	108	159.6	17.6	0	28.5	452	20
AgriGold	A6472VT3PRIB	VT3P,B	110	159.3	17.5	0	27.9	452	21
Taylor	8821VT2Pro	VT2P	110	159.2	17.4	0	29.5	452	22
Taylor	8808VT2ProRIB GC	VT2P,B	108	158.8	17.8	0	28.5	449	24
Ohlde	O 27-11VT2Pro	VT2P	111	158.3	17.8	0	29.2	448	25
Renk	RK810SSTX	STX,B	110	157.5	17.9	0	28.9	445	26
Lewis	RD1511VT2P GC	VT2P,DG,B	111	157.1	18.2	0	28.9	443	28
Lewis	10SS747 GC	STX,B	110	156.5	17.5	0	29.9	444	27
NuTech/G2 Gen	5F-510^	AM,B	110	156.1	18.2	0	28.9	440	29
LG Seeds	LG5554-3111	3111	108	155.8	18.2	0	29.5	439	30
AgriGold	A6499STXRIB	STX,B	112	155.3	18.2	0	29.5	438	31
Stine	R9732VT3Pro CK	VT3P,B	111	170.8	18.5	0	28.9	480	8

Adam Stuteville
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Averages =	163.5	18.4	0	28.8	460
LSD (0.10) =	12.6	1.0	ns		
LSD (0.25) =	8.8	0.7	ns		
C.V. =	5.7	Prev. years average yield, 192.4 bu/a, 1 yr			

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

Test Comments: *This site was planted into excellent soil moisture. Plants emerged well but went through a very wet month of May. Plants were shorter than usual, with gray leaf spot and southern rust present. Plants stood well at harvest, but stalks were getting weak. Ears were filled out to the tips but were only 12 to 14 kernel rows around. Some diplodia ear rot was seen throughout the test.*

† 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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Report Date: 9/26/2016 Revised:

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PEST MANAGEMENT: Dual II Magnum, atrazine, 2,4-D, glyphosate, Cadet
FERTILITY - Applied N: 160 Spring, 20 Planter
Applied N-P-K (units): 180-50-50
SEEDING - RATE - ROW: Apr 12 29,500 /A 30" spacing
HARVESTED - STAND: Sep 23 29,000 /A

Full-Season Test
113 - 116 Day CRM
B2016KSNE02b

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
LG Seeds	LG5650STX	STX	114	183.7	18.8	0	29.5	515	1
LG Seeds	LG5643STX	STX	114	182.1	18.6	0	28.9	512	2
Integra	9678VT3PRORIB	VT3P,B	117	181.1	19.5	0	28.9	505	4
Ohlde	O 26-13DGVT2Pro	VT2P,DG	113	180.6	18.9	0	28.2	506	3
LG Seeds	LG5663VT2PRIB	VT2P,B	115	178.3	20.1	0	29.2	494	5
Ohlde	O 26-15VT2ProRB	VT2P,B	115	176.2	19.4	0	28.9	492	7
Mycogen	MY13K77RA GC	STX,B	113	174.7	19.2	0	28.5	488	8
Taylor	8070VT2ProDG GC	VT2P,DG	112	174.6	19.1	0	29.2	488	9
Ohlde	O 27-17VT2Pro	VT2P	117	174.5	17.7	0	29.9	494	6
Renk	RK961SSTX	STX	116	173.3	19.9	0	28.2	481	10
NuTech/G2 Gen	5F-113^	AM,B	113	171.7	19.0	0	29.5	481	11
Mycogen	2C799 GC	STX,B	113	171.5	18.9	0	28.2	481	12
Taylor	EXP A-113-13	VT2P	113	171.0	18.4	0	29.2	481	13
NuTech/G2 Gen	5F-515^	AM,B	115	169.3	18.4	0	28.9	477	14
AgriGold	A6652VT2Pro	VT2P	116	168.9	19.4	0	29.5	471	16
Taylor	EXP C-115-13	VT2P	115	168.2	18.6	0	29.9	473	15
Pioneer	P1479AM GC	AM,B	114	164.2	18.8	0	29.5	461	18
AgriGold	A6619VT2RIBD1	VT2P,DG,B	114	164.1	18.4	0	28.5	462	17
Integra	6474DGVT2PRIB	VT2P,DG,B	114	163.9	19.2	0	28.9	458	21
Golden Harvest	G16K01-3122EZ GC	3122,B	116	163.4	18.4	0	28.9	460	19
Renk	RK935SSTX	STX,B	114	160.9	19.6	0	28.9	448	23
Lewis	16DP887 GC	VT2P,B	116	160.8	18.6	0	29.5	452	22
NuTech/G2 Gen	5F-015^	AM,B	115	158.9	19.4	0	29.9	443	24
Taylor	8835VT2Pro	VT2P	114	158.0	19.6	0	28.9	440	25
AgriGold	A6572STX	STX	114	156.5	18.8	0	28.9	439	26
NuTech/G2 Gen	5F-713^	AM,B	113	155.5	18.7	0	28.5	437	27
Lewis	RD114VT2P	VT2P,DG,B	114	155.3	18.9	0	29.2	435	28
Dyna-Gro	D54VC52	VT2P	114	155.2	19.6	0	28.9	432	30
Ohlde	O 27-16VT2Pro	VT2P	116	154.7	18.9	0	28.2	434	29
Lewis	14DP857	VT2P,B	114	154.5	19.1	0	29.5	432	31
Stine	R9732VT3Pro CK	VT3P,B	111	164.2	19.1	0	28.9	459	20

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Averages =	164.3	18.9	0	29.0	460
LSD (0.10) =	10.6	0.8	ns		
LSD (0.25) =	7.4	0.6	ns		
C.V. =	4.7				Prev. years average yield, 192.4 bu/a, 1 yr

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

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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					

2016 Corn Grain - Kansas Northeast [KSNE]



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.