

2016 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] VALLEY FALLS
 Craig Gigstad, Jefferson County, KS 66088



PREV. CROP/HERB: Soybean / 2,4-D, Reflex
 SOIL DESCRIPTION: Grundy silty clay loam, moderately drained, non-irrigated
 SOIL CONDITION: No-till, moderate P, moderate K, 6.9 pH, 2.4% OM
 PEST MANAGEMENT: Degree, Hornet, Impact, glyphosate
 FERTILITY - Applied N: 140 Spring
 Applied N-P-K (units): 140-60-60
 SEEDING - RATE - ROW: Apr 13 30,500 /A 30" spacing
 HARVESTED - STAND: Oct 1 29,600 /A

Early-Season Test
107 - 112 Day CRM
 B2016KSNE04a

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
NuTech/G2 Gen	5F-811^	AM,B	111	218.2	17.4	0	29.9	620	1
AgriGold	A6472VT3PRIB	VT3P,B	110	215.6	16.4	0	29.5	618	2
NuTech/G2 Gen	5F-308^	AM,B	108	212.3	16.3	0	29.5	609	3
Pioneer	P1197AM GC	AM,B	111	209.6	16.0	0	29.9	603	4
LG Seeds	LG5618STXRIB	STX,B	112	208.5	17.2	0	29.9	593	5
Renk	RK815SSTX	STX	111	206.2	17.1	0	29.5	587	6
Ohlde	O 26-10VT2ProRB	VT2P,B	110	204.4	17.2	0	28.5	582	9
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	204.2	16.2	0	29.5	586	7
Renk	RK810SSTX	STX,B	110	203.6	16.4	0	30.2	583	8
Ohlde	O 27-11VT2Pro	VT2P	111	202.5	16.9	0	29.5	578	10
Integra	6011VT2PRIB	VT2P	110	200.1	17.3	0	29.5	569	13
Taylor	EXP C-109-13	VT2P	109	199.9	16.4	0	29.9	573	11
Augusta	A5658GT3000	3000GT	108	199.0	16.2	0	28.9	571	12
Augusta	A1108VT2ProRIB	VT2P,B	108	197.2	16.2	0	29.2	566	14
Renk	RK877DGV2P	VT2P,DG,B	111	197.1	16.4	0	29.2	565	16
Taylor	8808VT2ProRIB GC	VT2P,B	108	196.6	15.9	0	29.5	566	15
LG Seeds	LG2602VT3PRIB	VT3P,B	112	196.0	16.4	0	28.9	562	17
Lewis	RD1511VT2P GC	VT2P,DG,B	111	194.1	16.9	0	30.2	554	21
Integra	6273DGV2PRIB	VT2P,DG	112	194.0	15.8	0	30.9	559	18
Lewis	10SS747 GC	STX,B	110	194.0	17.1	0	29.2	552	22
Ohlde	O 25-09VT2ProRB	VT2P,B	109	193.4	15.9	0	29.5	557	19
AgriGold	A6441VT2RIB	VT2P,B	109	192.9	16.0	0	29.9	555	20
Taylor	8821VT2Pro	VT2P	110	192.8	16.5	0	30.5	552	23
NuTech/G2 Gen	5F-510^	AM,B	110	191.9	16.3	0	29.2	550	24
Augusta	A5062GT3110	3110	112	191.1	16.4	0	29.5	548	26
Renk	RK871VT2P	VT2P,B	111	190.7	16.6	0	28.9	545	28
Lewis	08SS707	STX,B	108	190.6	15.8	0	29.2	549	25
Dyna-Gro	D52VC91	VT2P	112	190.1	16.2	0	29.5	546	27
Taylor	8012VT2ProDG	VT2P,DG,B	112	189.2	16.8	0	29.5	540	29
Ohlde	O 24-05VT2ProRB	VT2P,B	105	186.3	16.0	0	30.2	536	30
Stine	R9732VT3Pro CK	VT3P,B	111	171.3	17.0	0	29.5	488	36

Adam Stuteville
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Averages = **195.7** **16.5** **0** **29.6** **560**

LSD (0.10) = 11.8 0.6 ns

LSD (0.25) = 8.2 0.4 ns

C.V. = 4.4 Prev. years average yield, 178.7 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: *This site was planted into great soil conditions and seedlings emerged very uniformly. The crop showed some signs of stress in May due to excess moisture. Plants were standing well at harvest but were on the short side. Gray leaf spot was present throughout the test plot. Diplodia ear rot was seen throughout as well.*

† 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: 10/03/2016 Revised:

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 FERTILITY - Applied N: 140 Spring
 Applied N-P-K (units): 140-60-60
 SEEDING - RATE - ROW: Apr 13 30,500 /A 30" spacing
 HARVESTED - STAND: Oct 1 29,900 /A

Full-Season Test
113 - 116 Day CRM
 B2016KSNE04b

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
Taylor	8070VT2ProDG GC	VT2P,DG	112	218.3	16.6	0	29.5	624	1
Lewis	16DP887 GC	VT2P,B	116	214.9	19.1	0	30.2	601	5
Renk	RK961SSTX	STX	116	213.0	17.3	0	29.5	605	2
Mycogen	2C799 GC	STX,B	113	211.6	16.7	0	30.2	605	3
Taylor	EXP A-113-13	VT2P	113	211.5	16.9	0	29.9	603	4
Taylor	8835VT2Pro	VT2P	114	210.4	17.9	0	30.5	595	6
Ohlde	O 27-17VT2Pro	VT2P	117	205.3	16.1	0	29.9	590	7
AgriGold	A6572STX	STX	114	204.1	18.1	0	29.5	576	10
Renk	RK924DGV2P	VT2P,DG,B	114	204.0	17.4	0	30.2	579	9
Integra	6474DGV2PRIB	VT2P,DG,B	114	203.9	16.6	0	30.2	583	8
LG Seeds	LG5650STX	STX	114	203.9	18.0	0	30.2	576	11
Golden Harvest	G16K01-3122EZ GC	3122,B	116	203.4	17.8	0	29.9	576	12
Ohlde	O 26-15VT2ProRB	VT2P,B	115	202.8	18.0	0	29.9	573	14
NuTech/G2 Gen	5F-015^	AM,B	115	201.8	17.9	0	29.5	571	15
Ohlde	O 27-16VT2Pro	VT2P	116	201.7	17.0	0	30.2	575	13
NuTech/G2 Gen	5F-713^	AM,B	113	200.7	18.0	0	30.2	567	17
LG Seeds	LG5643STX	STX	114	200.0	18.3	0	29.9	564	18
Ohlde	O 26-13DGV2Pro	VT2P,DG	113	199.7	16.7	0	29.9	571	16
Mycogen	2C788 GC	STX,B	114	195.5	17.8	0	30.2	553	20
Renk	RK935SSTX	STX,B	114	194.2	16.7	0	29.9	555	19
Augusta	A5664GT3000	3000GT	114	194.1	18.5	0	30.2	546	21
NuTech/G2 Gen	5F-113^	AM,B	113	191.8	17.5	0	30.9	544	22
LG Seeds	LG5663VT2PRIB	VT2P,B	115	191.6	17.7	0	28.5	543	26
Dyna-Gro	D54VC52	VT2P	114	191.4	18.6	0	30.2	538	28
Lewis	RD114VT2P	VT2P,DG,B	114	191.3	17.2	0	29.9	544	23
AgriGold	A6619VT2RIBD1	VT2P,DG,B	114	190.9	17.0	0	29.9	544	24
NuTech/G2 Gen	5F-515^	AM,B	115	190.9	17.2	0	30.2	543	27
Taylor	EXP C-115-13	VT2P	115	190.1	16.6	0	29.9	544	25
AgriGold	A6652VT2Pro	VT2P	116	187.5	16.4	0	29.9	537	29
Mycogen	MY13K77RA GC	STX,B	113	182.7	17.5	0	28.5	518	30
Stine	R9732VT3Pro CK	VT3P,B	111	163.3	16.8	0	29.2	466	35

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Averages = **195.0** **17.5** **0** **29.9** **554**

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LSD (0.25) = 7.9 0.4 ns

C.V. = 4.3 Prev. years average yield, 178.7 bu/a, 2 yrs

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Report Date: 10/03/2016 Revised:

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.