

# 2017 Corn Grain Top 30 Harvest Report

Kansas Northeast [ KSNE ] SENECA  
Rod Tangeman, Nemaha County, KS 66538



PREV. CROP/HERB: Soybean / Prefix, 2-4,D  
SOIL DESCRIPTION: Reading silt loam, well drained, non-irrigated  
SOIL CONDITION: No-till, medium P, high K, 7.3 pH, 3.2% OM, 19.2 CEC  
PEST MANAGEMENT: Corvus, atrazine, 2,4-D, glyphosate  
FERTILITY - Applied N: 160 Spring  
Applied N-P-K (units): 160-60-60  
SEEDING - RATE - ROW: Apr 25 31,000 /A 30" spacing  
HARVESTED - STAND: Nov 9 28,800 /A

**Early-Season Test**  
**107 - 112 Day CRM**  
B2017KSNE06a

## 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
Renk	RK871VT2P	VT2P,B	111	<b>210.9</b>	14.7	0	28.9	591	1
NuTech	X5NN-1212	3000GT	112	<b>209.9</b>	14.4	0	28.5	588	2
Taylor	EXP C-112-14	VT2P	112	<b>207.1</b>	14.5	0	29.5	580	3
NuTech/G2 Gen	X5FN-1211^	OI	112	<b>205.7</b>	14.5	0	28.9	576	4
<b>Lewis</b>	<b>RD1511VT2P</b>	<b>VT2P,DG,B</b>	<b>111</b>	<b>201.3</b>	<b>14.4</b>	<b>0</b>	<b>28.5</b>	<b>564</b>	<b>5</b>
Dyna-Gro	D52SS91	STX	112	<b>200.2</b>	14.7	0	27.2	561	6
Phillips Seed	PSF082VT2PRIB	VT2P,B	108	190.2	14.3	0	28.2	533	7
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	186.7	14.9	0	29.2	523	8
Phillips Seed	PSF068VT2P	VT2P	107	186.5	14.8	0	29.2	522	9
Channel	209-51VT2PRIB GC	VT2P,B	109	185.8	14.9	0	28.9	520	10
Augusta	A4658GT3110	3110	108	185.4	14.6	0	29.2	519	11
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	184.8	14.3	0	28.9	517	12
AgriGold	A640-77VT2PRO	VT2P	110	183.7	14.6	0	29.2	514	13
LG Seeds	LG5616-3000GT	3000GT	112	183.0	14.2	0	28.9	512	14
Golden Harvest	G12W66-3000GT	3000GT	112	182.7	14.6	0	28.2	512	15
Renk	RK877DGV2P	VT2P,DG,B	111	181.9	14.3	0	29.2	509	16
<b>Lewis</b>	<b>R1412VT2P</b>	<b>VT2P,B</b>	<b>112</b>	<b>181.3</b>	<b>14.6</b>	<b>0</b>	<b>29.2</b>	<b>508</b>	<b>17</b>
AgriGold	A6499STXRIB	STX,B	112	180.9	14.5	0	28.2	507	18
Phillips Seed	PSF098VT2PRIB	VT2P,B	109	179.8	14.5	0	29.2	503	19
Dekalb	DKC60-88RIB GC	VT2P,B	110	178.9	14.7	0	29.5	501	20
<b>Lewis</b>	<b>11DP768</b>	<b>VT2P,B</b>	<b>111</b>	<b>177.4</b>	<b>14.5</b>	<b>0</b>	<b>29.2</b>	<b>497</b>	<b>21</b>
Augusta	A5162GT3000	3000GT	112	177.0	14.7	0	29.5	496	22
Dekalb	DKC62-08RIB GC	STX,B	112	176.9	14.0	0	28.9	495	23
Renk	RK842SSTX	STX	112	175.5	14.3	0	28.2	491	24
Mycogen	MY10Z28RA GC	STX,B	110	173.5	15.1	3	28.9	485	25
Renk	RK859DGV2P	VT2P,DG	112	173.0	14.4	0	28.2	484	26
<b>Lewis</b>	<b>R1409VT2P</b>	<b>VT2P,B</b>	<b>109</b>	<b>171.9</b>	<b>14.7</b>	<b>0</b>	<b>28.5</b>	<b>481</b>	<b>27</b>
Taylor	8808VT2ProRIB	VT2P,B	108	171.3	14.3	0	28.2	480	28
Pioneer	P1138AM GC	AM,B	111	167.6	14.4	0	28.2	469	30
NuTech	5VN-4707	3111	107	158.2	14.1	7	28.2	443	31
Pioneer	P0707AM CK	AM,B	107	171.3	14.7	0	28.9	480	29

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Averages =	<b>179.3</b>	<b>14.5</b>	<b>1</b>	<b>28.8</b>	<b>502</b>
LSD (0.10) =	14.4	0.3	2		
LSD (0.25) =	7.5	0.1	1		
C.V. =	7.6				
					Prev. years average yield, 142.2 bu/a, 1 yr

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.80; non-GMO = \$2.80

**Test Comments:** *This no-till site was planted into a clean moist seedbed, a cool wet period after planting delayed emergence, but final stand was good. This location went through a dry June and July, deep topsoil and a cool August helped to save yield. Plants were standing well at harvest, some hybrids had pollination issues due to the drought.*

† 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: 11/11/2017 Revised:

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SOIL CONDITION: No-till, medium P, high K, 7.3 pH, 3.2% OM, 19.2 CEC  
PEST MANAGEMENT: Corvus, atrazine, 2,4-D, glyphosate  
FERTILITY - Applied N: 160 Spring  
Applied N-P-K (units): 160-60-60  
SEEDING - RATE - ROW: Apr 25 31,000 /A 30" spacing  
HARVESTED - STAND: Nov 9 28,800 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
B2017KSNE06b

## 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	LG5700VT2PRIB	VT2P,B	116	<b>199.9</b>	14.7	0	27.9	560	1
<b>Lewis</b>	<b>16DP887</b>	<b>VT2P,B</b>	<b>116</b>	<b>197.2</b>	<b>14.5</b>	<b>0</b>	<b>27.9</b>	<b>552</b>	<b>2</b>
Dekalb	DKC63-60RIB GC	STX,B	113	<b>195.4</b>	15.2	0	28.5	546	3
Golden Harvest	G14V04-3000GT	3000GT	114	<b>193.1</b>	14.8	0	28.9	541	4
Pioneer	P1366AM GC	AM,B	113	<b>192.0</b>	14.6	3	29.9	538	5
LG Seeds	LG5643STXRIB	STX,B	114	<b>190.8</b>	14.3	0	29.2	534	6
Renk	RK961VT2P	VT2P,B	116	<b>190.4</b>	14.6	0	28.2	533	7
Dekalb	DKC64-35RIB GC	VT2P,B	114	<b>189.2</b>	14.5	0	28.9	530	8
NuTech/G2 Gen	X5FN-1305^	OI	113	<b>189.1</b>	14.6	0	28.5	529	9
NuTech/G2 Gen	X5FN-1512^	OI	115	<b>188.1</b>	14.4	3	28.5	527	10
Taylor	T8077VT2ProRIBDG	VT2P,DG,B	113	<b>188.0</b>	14.8	0	29.2	526	11
NuTech/G2 Gen	5F-713^	AM,B	113	185.7	14.5	0	28.9	520	12
LG Seeds	LG5650STXRIB	STX,B	115	185.7	14.5	0	29.2	520	13
<b>Lewis</b>	<b>RD1613VT2P</b>	<b>VT2P,DG,B</b>	<b>113</b>	<b>183.5</b>	<b>14.6</b>	<b>0</b>	<b>28.5</b>	<b>514</b>	<b>14</b>
Golden Harvest	G16K01-3111	3111	116	180.4	14.6	0	29.2	505	15
Mycogen	MY13M87RA GC	STX,B	113	177.2	14.6	0	29.2	496	16
Taylor	T5515	STX	115	176.6	14.7	0	28.2	494	17
NuTech/G2 Gen	X5FN-1306^	OI	113	175.0	14.5	0	29.5	490	18
Taylor	EXP F-115-14	VT2P	115	175.0	14.7	0	29.2	490	19
AgriGold	A6572VT2RIB	VT2P,B	114	174.2	14.7	0	28.2	488	20
AgriGold	A6579VT2RIB	VT2P,B	114	170.7	14.6	0	28.9	478	21
Renk	RK965SSTX	STX	116	169.7	14.7	0	28.2	475	22
Phillips Seed	PSF133DGVT2PRIB	VT2P,DG,B	113	169.2	14.7	0	28.9	474	23
Phillips Seed	PSF138VT2PRIB	VT2P,B	113	168.3	14.6	0	28.5	471	24
<b>Lewis</b>	<b>R1414VT2P</b>	<b>VT2P,B</b>	<b>114</b>	<b>167.0</b>	<b>14.6</b>	<b>0</b>	<b>28.9</b>	<b>468</b>	<b>25</b>
Mycogen	MY13A35RA GC	PC,B	113	166.0	15.1	0	28.9	464	27
Taylor	8835VT2Pro	VT2P	114	165.4	14.5	0	29.2	463	28
Dekalb	DKC66-74RIB GC	STX,B	116	164.5	14.7	0	28.5	461	29
Renk	RK941SSTX	STX,B	114	163.5	14.8	0	28.9	458	30
<b>Lewis</b>	<b>RD114VT2P</b>	<b>VT2P,DG,B</b>	<b>114</b>	<b>160.9</b>	<b>14.8</b>	<b>0</b>	<b>28.2</b>	<b>451</b>	<b>31</b>
Pioneer	P0707AM CK	AM,B	107	166.2	14.6	0	28.5	465	26

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Averages =	<b>175.2</b>	<b>14.7</b>	<b>1</b>	<b>28.8</b>	<b>491</b>
LSD (0.10) =	12.7	0.2	2		
LSD (0.25) =	6.6	0.1	1		
C.V. =	6.8	Prev. years average yield, 142.2 bu/a, 1 yr			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.80; non-GMO = \$2.80

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† 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: 11/11/2017 Revised:

2017 Corn Grain - Kansas Northeast [ KSNE ]



**Early-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A640-77VT2PRO	VT2P	AC,P5V	110					
AgriGold	A642-59STX	STX	AC,P5V	112					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A4658GT3110	3110	CM,C2	108					
Augusta	A5162GT3000	3000GT	AVC,C5	112					
Channel	209-51VT2PRIB GC	VT2P,B	AC,P2	109					
Dekalb	DKC60-88RIB GC	VT2P,B	AC,P2	110					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112					
Dyna-Gro	D52SS91	STX	AC,P5V	112					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Lewis	11DP768	VT2P,B	AC,P5V	111					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
Lewis	R1412VT2P	VT2P,B	AC,P5V	112					
Lewis	RD1511VT2P	VT2P,DG,B	AC,P5V	111					
LG Seeds	LG5616-3000GT	3000GT	AVC,C2,Vi	112					
Mycogen	MY10Z28RA GC	STX,B	CM,C5,Vi,In	110					
Mycogen	MY12G35RA GC	PC,B	CM,C5,Vi,In	112					
NuTech	5VN-4707	3111	MQ,P1V,R	107					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-1211^	OI	MQ,P1V,R	112					
Phillips Seed	PSF068VT2P	VT2P	AC,P2	107					
Phillips Seed	PSF082VT2PRIB	VT2P,B	AC,P2	108					
Phillips Seed	PSF098VT2PRIB	VT2P,B	AC,P2	109					
Pioneer	P0707AM CK	AM,B	MQ,C2,R,Lu	107					
Pioneer	P1138AM GC	AM,B	MQ,P1V	111					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG	AC,P5V	112					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Taylor	8012VT2ProDGRIB	VT2P,DG,B	AC,P2	112					
Taylor	8070VT2ProDGRIB	VT2P,DG,B	AC,P2	112					
Taylor	8808VT2ProRIB	VT2P,B	AC,P2	108					
Taylor	EXP C-112-14	VT2P	AC,P2	112					

2017 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	A6544VT2RIB	VT2P,B	AC,P5V	113					
AgriGold	A6572VT2RIB	VT2P,B	AC,P5V	114					
AgriGold	A6579VT2RIB	VT2P,B	AC,P5V	114					
Channel	216-36DGV2PRIB	VT2P,DG,B	AC,P2	116					
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-35RIB GC	VT2P,B	AC,P2	114					
Dekalb	DKC66-74RIB GC	STX,B	AC,P5V	116					
Epley	E2305RR	RR2	MQ	113					
Golden Harvest	G14V04-3000GT	3000GT	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Lewis	16DP887	VT2P,B	AC,P5V	116					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	RD114VT2P	VT2P,DG,B	AC,P5V	114					
Lewis	RD1613VT2P	VT2P,DG,B	AC,P5V	113					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
LG Seeds	LG5650STXRIB	STX,B	AC,P5V	115					
LG Seeds	LG5700VT2PRIB	VT2P,B	AC,P5V	116					
Mycogen	MY13A35RA GC	PC,B	CM,C5,Vi,ln	113					
Mycogen	MY13M87RA GC	STX,B	CM,C5,Vi,ln	113					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5FN-1305^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1512^	OI	MQ,P1V,R	115					
Phillips Seed	PSF133DGV2PRIB	VT2P,DG,B	AC,P2	113					
Phillips Seed	PSF138VT2PRIB	VT2P,B	AC,P2	113					
Phillips Seed	PSF158VT2PRIB	VT2P,B	AC,P2	115					
Pioneer	P0707AM CK	AM,B	MQ,C2,R,Lu	107					
Pioneer	P1366AM GC	AM,B	MQ,P1V	113					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961VT2P	VT2P,B	AC,P2	116					
Renk	RK965SSTX	STX	AC,P5V	116					
Taylor	8835VT2Pro	VT2P	AC,P2	114					
Taylor	EXP F-115-14	VT2P	AC,P2	115					
Taylor	T5515	STX	AC,P5V	115					
Taylor	T8077VT2ProRIBDG	VT2P,DG,B	AC,P2	113					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMaxx <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix <sup>®</sup> 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 <sup>®</sup> 3000GT (CB,RW,LL,GT)	GT	Agrisure <sup>®</sup> GT
3010	Agrisure <sup>®</sup> 3010 (CB,LL,GT)	HX	Herculex <sup>®</sup> 1, contains LL
3011,A	Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)	HXRW	Herculex <sup>®</sup> Rootworm, contains LL
3110	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)	HXT	Herculex <sup>®</sup> Xtra (HX,HXRW,LL)
3111	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink <sup>®</sup>
3120	Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)	OI	Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)
3220	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure <sup>®</sup> Artesian <sup>®</sup>	OIXT	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready <sup>®</sup> 2 Corn
AMX	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure <sup>®</sup> Rootworm
AMXT	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)
AQ	Optimum <sup>®</sup> AQUAMax <sup>®</sup>	VT2P	Genuity <sup>®</sup> VT Double PRO <sup>®</sup>
B	Refuge Blend	VT3P	Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>
CB	Agrisure <sup>®</sup> Corn Borer	YGCB	YieldGard <sup>®</sup> Corn Borer
DG	Genuity <sup>®</sup> DroughtGard <sup>®</sup>		

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

### Corn Seed Treatments\*\*

?	information unavailable	In	Intego™ Solo
A	Allegiance <sup>®</sup>	L	Lorsban <sup>®</sup>
AC	Acceleron <sup>®</sup> fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL <sup>®</sup>
At	Actellic <sup>®</sup>	MQ	Maxim Quattro <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn	None	untreated
C2, C5, C1	Cruiser <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme <sup>®</sup>	R	Raxil <sup>®</sup>
CM	CruiserMaxx <sup>®</sup> Corn	SC	SHIELDCoat™
D	Dynasty <sup>®</sup>	V	Votivo <sup>®</sup>
Es	Escalate <sup>®</sup>	Vi	Vibrance <sup>®</sup>

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