

2017 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BUCYRUS
Les Stuteville, Miami County, KS 66013



Test by: Agri Seed Research, LLC, Louisburg, KS

PREV. CROP/HERB: Soybean / Sharpen, Sencor
SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, non-irrigated
SOIL CONDITION: No-till, very high P, medium K, 4.6 pH, 2.8% OM, 26.3 CEC
PEST MANAGEMENT: Dual II Magnum, atrazine, glyphosate, 2,4-D
FERTILITY - Applied N: 140 Spring, 20 Planter
Applied N-P-K (units): 160-50-55
SEEDING - RATE - ROW: May 16 31,000 /A 30" spacing
HARVESTED - STAND: Nov 20 28,800 /A

Early-Season Test
107 - 112 Day CRM
B2017KSNE01a

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	A5162GT3000	3000GT	112	210.8	14.8	0	28.9	590	1
Lewis	R1412VT2P	VT2P,B	112	208.3	15.4	0	28.5	581	2
Taylor	EXP C-112-14	VT2P	112	207.4	14.4	0	28.9	581	3
Dekalb	DKC62-08RIB GC	STX,B	112	206.3	15.6	0	29.2	575	4
Phillips Seed	PSF098VT2PRIB	VT2P,B	109	204.5	14.3	0	28.9	573	5
Channel	209-51VT2PRIB GC	VT2P,B	109	203.7	15.7	0	28.9	567	7
Taylor	8808VT2ProRIB	VT2P,B	108	203.5	14.1	0	28.9	570	6
NuTech	X5NN-1212	3000GT	112	202.6	14.8	0	28.2	567	8
Golden Harvest	G12W66-3000GT	3000GT	112	202.1	14.3	0	29.5	566	9
NuTech	5VN-4707	3111	107	200.7	15.5	0	28.9	559	10
Lewis	11DP768	VT2P,B	111	196.0	15.0	0	29.5	549	11
NuTech/G2 Gen	5FB-1010^	AM,B	110	194.9	14.6	0	28.2	546	13
Phillips Seed	PSF082VT2PRIB	VT2P,B	108	193.2	15.0	0	29.9	541	14
Mycogen	MY10Z28RA GC	STX,B	110	191.0	14.8	0	29.5	535	15
Phillips Seed	PSF068VT2P	VT2P	107	189.6	15.4	0	28.2	529	16
AgriGold	A6499STXRIB	STX,B	112	189.0	15.0	0	28.9	529	17
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	188.7	14.4	0	28.5	528	18
Renk	RK842SSTX	STX	112	188.3	15.0	0	29.5	527	19
Renk	RK877DGV2P	VT2P,DG,B	111	187.8	14.8	0	27.9	526	20
Dyna-Gro	D52SS91	STX	112	186.2	13.6	0	28.9	521	21
Renk	RK871VT2P	VT2P,B	111	185.7	14.2	0	27.5	520	22
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	185.3	13.8	0	28.5	519	23
Pioneer	P1138AM GC	AM,B	111	185.2	14.2	0	29.2	519	24
NuTech/G2 Gen	5F-308^	AM,B	108	185.1	15.0	0	29.2	518	25
LG Seeds	LG5616-3000GT	3000GT	112	184.9	14.2	0	29.5	518	26
AgriGold	A640-77VT2PRO	VT2P	110	183.9	14.5	0	28.9	515	27
Dekalb	DKC60-88RIB GC	VT2P,B	110	183.6	14.7	0	28.9	514	28
Renk	RK859DGV2P	VT2P,DG	112	182.7	15.3	0	29.5	510	29
AgriGold	A642-59STX	STX	112	181.8	15.1	0	27.9	509	30
Taylor	8070VT2ProDGRIB	VT2P,DG,B	112	179.8	13.9	0	28.9	503	31
Pioneer	P0707AM CK	AM,B	107	195.0	14.4	0	29.2	546	12

Adam Stuteville
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Averages = **190.7** **14.7** **0** **28.8** **533**

LSD (0.10) = 5.6 0.4 ns

LSD (0.25) = 3.0 0.2 ns

C.V. = 2.8 Prev. years average yield, 185.8 bu/a, 3 yrs

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

Test Comments: *This site emerged great and looked good all season. Timely rains fell all season long. July 27 and August 21 both had rain events of over 11 inches, this site was 14 inches of rainfall over the 30-year average. Plants were standing decent at harvest, but stalks were weak. Ears were long and filled out to the tip. Excellent weed control.*

† 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: Dual II Magnum, atrazine, glyphosate, 2,4-D
FERTILITY - Applied N: 140 Spring, 20 Planter
Applied N-P-K (units): 160-50-55
SEEDED - RATE - ROW: May 16 31,000 /A 30" spacing
HARVESTED - STAND: Nov 20 29,100 /A

Full-Season Test
113 - 116 Day CRM
B2017KSNE01b

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
Lewis	RD1613VT2P	VT2P,DG,B	113	211.0	15.1	3	28.2	590	1
Renk	RK965SSTX	STX	116	210.2	14.5	1	28.5	589	2
Dekalb	DKC63-60RIB GC	STX,B	113	208.3	15.0	5	28.9	583	3
Taylor	EXP F-115-14	VT2P	115	204.7	14.2	2	28.9	573	4
AgriGold	A6572VT2RIB	VT2P,B	114	203.7	14.4	2	29.9	570	5
Mycogen	MY13A35RA GC	PC,B	113	201.7	15.1	0	29.2	564	6
LG Seeds	LG5643STXRIB	STX,B	114	199.8	15.8	4	29.9	555	7
Renk	RK924DGV2P	VT2P,DG,B	114	194.9	14.4	10	28.9	546	8
Lewis	R1414VT2P	VT2P,B	114	189.1	14.7	5	29.9	529	10
Channel	216-36DGV2PRIB	VT2P,DG,B	116	188.8	14.1	5	28.9	529	11
Golden Harvest	G16K01-3111	3111	116	187.7	14.3	0	28.9	526	12
Taylor	T5515	STX	115	187.7	14.7	5	28.2	526	13
Epley	E2305RR	RR2	113	187.2	15.3	0	28.9	523	14
Phillips Seed	PSF133DGV2PRIB	VT2P,DG,B	113	185.4	14.6	2	28.5	519	15
Renk	RK941SSTX	STX,B	114	184.6	14.6	1	28.9	517	16
Lewis	16DP887	VT2P,B	116	184.6	15.3	2	29.5	515	17
Golden Harvest	G14V04-3000GT	3000GT	114	184.4	15.3	2	29.5	515	18
Pioneer	P1366AM GC	AM,B	113	182.1	14.5	2	28.5	510	19
Taylor	T8077VT2ProRIBDG	VT2P,DG,B	113	181.5	15.3	0	30.2	507	20
Renk	RK961VT2P	VT2P,B	116	180.9	15.7	0	29.2	503	21
AgriGold	A6579VT2RIB	VT2P,B	114	179.8	15.1	4	29.2	503	22
Dekalb	DKC66-74RIB GC	STX,B	116	179.3	15.9	3	29.2	498	24
LG Seeds	LG5650STXRIB	STX,B	115	179.1	14.9	1	28.5	501	23
Phillips Seed	PSF138VT2PRIB	VT2P,B	113	176.1	15.7	5	29.2	490	26
Mycogen	MY13M87RA GC	STX,B	113	175.3	15.0	1	28.9	491	25
Phillips Seed	PSF158VT2PRIB	VT2P,B	115	171.4	14.5	1	28.9	480	27
NuTech/G2 Gen	X5FN-1306^	OI	113	171.2	15.3	2	29.2	478	28
LG Seeds	LG5700VT2PRIB	VT2P,B	116	168.7	15.4	0	28.9	471	30
NuTech/G2 Gen	5F-713^	AM,B	113	168.6	15.1	0	28.5	472	29
NuTech/G2 Gen	X5FN-1305^	OI	113	168.4	15.6	2	28.5	469	31
Pioneer	P0707AM CK	AM,B	107	190.2	14.8	2	29.2	533	9

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Averages =	183.6	15.0	2	29.1	513
LSD (0.10) =	8.3	0.6	3		
LSD (0.25) =	4.4	0.3	2		
C.V. =	4.3	Prev. years average yield, 185.8 bu/a, 3 yrs			

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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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,In	113					
Mycogen	MY13M87RA GC	STX,B	CM,C5,Vi,In	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 [®] 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. VPM [®] 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 [®] , VPM [®] 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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	In	Intego [™] Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia [™]
AL2500	Alert 2500 [™]	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	SC	SHIELDCoat [™]
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

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