

2017 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] VALLEY FALLS

Craig Gigstad, Jefferson County, KS 66088



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

PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, non-irrigated
 SOIL CONDITION: No-till, very high P, medium K, 5.6 pH, 3.2% OM, 33.8 CEC
 PEST MANAGEMENT: Degree, atrazine, Hornet, Impact, glyphosate
 FERTILITY - Applied N: 170 Spring
 Applied N-P-K (units): 170-55-60
 SEEDING - RATE - ROW: Apr 25 31,000 /A 30" spacing
 HARVESTED - STAND: Oct 9 28,900 /A

Early-Season Test

107 - 112 Day CRM

B2017KSNE04a

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	248.2	18.2	0	29.2	675	1
Lewis	R1412VT2P	VT2P,B	112	246.3	18.8	0	29.5	666	3
Dekalb	DKC62-08RIB GC	STX,B	112	246.2	19.0	0	29.5	665	4
Taylor	EXP C-112-14	VT2P	112	244.8	17.8	0	28.2	668	2
Phillips Seed	PSF082VT2PRIB	VT2P,B	108	240.5	18.4	0	29.5	653	6
NuTech	X5NN-1212	3000GT	112	240.2	18.2	0	29.2	653	7
Phillips Seed	PSF098VT2PRIB	VT2P,B	109	240.0	17.7	0	28.2	656	5
NuTech	5VN-4707	3111	107	239.7	18.9	0	28.9	648	9
Lewis	11DTP768	VT2P,B	111	237.9	18.4	0	28.9	646	11
Golden Harvest	G12W66-3000GT	3000GT	112	237.4	17.7	0	29.5	649	8
NuTech/G2 Gen	5FB-1010^	AM,B	110	237.4	18.0	0	29.9	647	10
Taylor	8808VT2ProRIB	VT2P,B	108	235.2	17.4	0	28.5	644	12
Pioneer	P1138AM GC	AM,B	111	235.0	17.6	0	29.2	643	13
LG Seeds	LG5616-3000GT	3000GT	112	233.0	17.6	0	28.9	637	15
Dekalb	DKC60-88RIB GC	VT2P,B	110	233.0	18.1	0	28.9	634	16
Renk	RK877DGV2P	VT2P,DG,B	111	232.7	18.2	0	29.9	633	17
Phillips Seed	PSF068VT2P	VT2P	107	231.3	18.8	0	28.9	626	21
AgriGold	A6499STXRIB	STX,B	112	231.2	18.4	0	29.2	628	19
Renk	RK842SSTX	STX	112	230.7	18.4	0	28.2	626	22
Mycogen	MY10Z28RA GC	STX,B	110	230.1	18.2	0	29.5	626	23
Dyna-Gro	D52SS91	STX	112	229.9	17.2	0	28.9	631	18
Renk	RK871VT2P	VT2P,B	111	229.1	17.6	0	28.9	627	20
Channel	209-51VT2PRIB GC	VT2P,B	109	228.6	19.1	0	29.5	617	27
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	228.4	17.5	0	28.5	625	24
NuTech/G2 Gen	5F-308^	AM,B	108	227.6	18.4	0	27.5	618	26
AgriGold	A640-77VT2PRO	VT2P	110	226.9	17.9	0	28.5	619	25
Renk	RK859DGV2P	VT2P,DG	112	226.8	18.7	0	29.5	614	29
Taylor	8012VT2ProDGRIB	VT2P,DG,B	112	225.2	17.8	0	28.2	615	28
AgriGold	A642-59STX	STX	112	224.2	18.5	0	28.9	608	31
Taylor	8070VT2ProDGRIB	VT2P,DG,B	112	223.8	17.3	0	28.2	614	30
Pioneer	P0707AM CK	AM,B	107	235.1	17.9	0	28.5	641	14

Adam Stuteville

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Averages = **230.8** **18.1** **0** **28.9** **629**

LSD (0.10) = 8.0 0.4 ns

LSD (0.25) = 4.2 0.2 ns

C.V. = 3.3 Prev. years average yield, 175.6 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 was planted into excellent soil moisture, a cold spell after planting slowed emergence, but stand counts were good. The site received timely rains through mid-August, with a hot dry spell in late August. Plants were tall and standing well, with long girthy easily shelled ears. Excellent weed control, with very little disease pressure. Craig said this is one of the best corn crops he has seen.*

† 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: Degree, atrazine, Hornet, Impact, glyphosate
 FERTILITY - Applied N: 170 Spring
 Applied N-P-K (units): 170-55-60
 SEEDING - RATE - ROW: Apr 25 31,000 /A 30" spacing
 HARVESTED - STAND: Oct 9 29,000 /A

Full-Season Test
113 - 116 Day CRM
 B2017KSNE04b

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	RK965SSTX	STX	116	257.5	18.1	0	29.2	701	1
Dekalb	DKC63-60RIB GC	STX,B	113	244.2	19.8	0	29.5	654	2
Dekalb	DKC66-74RIB GC	STX,B	116	242.8	19.4	0	29.2	653	3
Golden Harvest	G14V04-3000GT	3000GT	114	238.0	19.5	0	28.5	640	5
Taylor	EXP F-115-14	VT2P	115	235.6	18.2	0	28.5	641	4
Dekalb	DKC64-35RIB GC	VT2P,B	114	232.1	19.1	0	28.9	626	6
Lewis	R1414VT2P	VT2P,B	114	229.7	18.1	0	28.5	625	7
Taylor	T5515	STX	115	229.4	19.1	0	30.2	619	8
Pioneer	P1366AM GC	AM,B	113	228.6	19.9	0	30.2	612	10
Renk	RK924DGV2P	VT2P,DG,B	114	224.8	19.5	0	28.2	604	11
Taylor	8835VT2Pro	VT2P	114	220.3	19.0	0	29.5	595	12
Channel	216-36DGV2PRIB	VT2P,DG,B	116	218.5	19.2	0	29.5	589	13
Lewis	16DP887	VT2P,B	116	218.2	19.3	0	28.5	588	15
Lewis	RD1613VT2P	VT2P,DG,B	113	216.3	19.0	0	27.9	584	16
Epley	E2305RR	RR2	113	216.0	18.0	0	28.5	589	14
Mycogen	MY13M87RA GC	STX,B	113	215.3	19.4	0	28.5	579	17
Taylor	T8077VT2ProRIBDG	VT2P,DG,B	113	214.1	18.9	0	29.5	579	18
AgriGold	A6579VT2RIB	VT2P,B	114	213.5	18.9	0	28.9	577	19
Renk	RK941SSTX	STX,B	114	213.1	19.9	0	28.9	571	20
Lewis	RD114VT2P	VT2P,DG,B	114	211.0	18.7	0	28.9	571	21
AgriGold	A6544VT2RIB	VT2P,B	113	210.9	18.9	0	29.2	570	22
Mycogen	MY13A35RA GC	PC,B	113	209.4	19.3	0	29.9	564	23
LG Seeds	LG5643STXRIB	STX,B	114	206.8	18.8	0	28.9	559	24
LG Seeds	LG5650STXRIB	STX,B	115	205.5	18.8	0	28.2	556	25
Renk	RK961VT2P	VT2P,B	116	204.2	18.5	0	29.2	554	27
LG Seeds	LG5700VT2PRIB	VT2P,B	116	203.7	17.8	0	29.2	556	26
NuTech/G2 Gen	5F-713^	AM,B	113	203.6	20.0	0	29.5	545	28
Phillips Seed	PSF158VT2PRIB	VT2P,B	115	201.4	18.9	0	29.2	544	30
NuTech/G2 Gen	X5FN-1306^	OI	113	201.1	18.6	0	28.2	545	29
Phillips Seed	PSF138VT2PRIB	VT2P,B	113	199.2	18.6	0	28.9	540	31
Pioneer	P0707AM CK	AM,B	107	226.9	18.7	0	28.5	614	9

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Averages =	216.1	19.0	0	29.0	584
LSD (0.10) =	8.5	0.5	ns		
LSD (0.25) =	4.5	0.3	ns		
C.V. =	3.7	Prev. years average yield, 175.6 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					

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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 [®] 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. VPMa [®] 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 [®] , VPMa [®] 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.