

2018 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, Reflex, Dual, 2,4-D
SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, non-irrigated
SOIL CONDITION: No-till, medium P, medium K, 6 pH, 3.5% OM, 14.8 CEC
PEST MANAGEMENT: 2,4-D, glyphosate, Corvus, atrazine
FERTILITY - Applied N: 160 Spring, 18 Planter
Applied N-P-K (units): 178-46-50
SEEDING - RATE - ROW: May 8 30,000 /A 30" spacing
HARVESTED - STAND: Dec 9 28,700 /A

Early-Season Test
107 - 112 Day CRM
B2018KSNE01a

Top 30 of 42

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
AgriGold	A641-78STXRIB	STX,B	111	207.4	16.6	2	29.5	614	1
AgriGold	A6499STXRIB	STX,B	112	206.2	16.8	3	29.5	609	2
AgriGold	A642-59STXRIB	STX,B	112	205.1	16.4	1	29.2	608	3
LG Seeds	LG61C48VT2RIB	VT2P,B	111	204.6	16.1	3	28.2	608	4
Pioneer	P1197AM GC	AM,B	111	204.6	16.5	3	28.5	606	5
Lewis	11DPP768	VT2P,B	111	199.7	16.8	2	29.5	590	6
Hefty	H6324SS	STX	112	199.5	17.1	7	28.9	588	7
Taylor	8822VT2ProRIB	VT2P,B	111	198.0	16.7	6	28.5	586	8
Renk	RK842SSTX	STX	112	195.9	16.9	4	28.9	578	10
Hefty	H6024SS	STX,B	110	195.5	16.1	2	27.9	581	9
Hefty	H6214SSRIB	STX,B	112	194.0	16.9	2	28.5	573	11
Renk	RK815SSTX	STX,B	110	192.2	16.4	4	28.5	570	12
Hoegemeyer/HPT	HP1655YHR	OI	110	189.7	16.9	6	29.5	560	13
Lewis	08DPP739	VT2P,B	108	188.4	16.8	5	28.9	557	14
Renk	RK859DGV2P	VT2P,DG,B	112	188.1	16.7	1	28.9	556	15
Phoenix	6299EZ	3122,B	112	186.8	16.8	1	27.9	552	16
Dekalb	DKC60-88RIB GC	VT2P,B	110	185.9	16.4	5	28.2	551	17
Armor	1227Pro2	VT2P	112	182.5	16.9	5	28.9	539	18
Epley	E2201GTCBLL	3010	112	177.9	16.4	7	28.9	527	19
Rob-See-Co	RC6001-3220-EZR GC	3220,B	110	175.3	16.2	4	28.5	521	21
Armor	0887Pro2	VT2P	108	174.2	16.7	3	28.9	515	22
LG Seeds	LG5590VT2RIB	VT2P,B	110	173.4	16.2	2	28.9	515	23
Epley	E2001GTCBLL	3010	110	172.3	16.2	4	29.2	512	24
NuTech	5NN-8812	3000GT	112	170.8	16.7	1	27.5	505	25
Augusta	A4860GT3220A	3220,A	110	170.6	16.9	4	29.2	504	26
Golden Harvest	G11B63-3010A	3010,A	111	169.3	16.6	1	29.2	501	27
Channel	209-15VT2PRIB GC	VT2P,B	109	168.2	16.3	3	28.5	499	28
Dekalb	DKC62-53RIB GC	VT2P,B	112	167.3	16.7	2	28.5	495	29
Lewis	10DPP747	VT2P,B	110	166.8	16.9	1	27.5	492	30
Lewis	12DPP779	VT2P,B	112	165.4	16.3	2	27.5	491	31
Rob-See-Co	Innotech IC5831^ CK	3111	108	176.7	16.6	4	28.9	523	20

Adam Stuteville
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Averages = **178.1** **16.6** **3** **28.7** **527**

LSD (0.10) = 9.6 0.1 2

LSD (0.25) = 5.0 0.1 1

C.V. = 5.1 Prev. years average yield, 192.0 bu/a, 4 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: This site was planted into a clean not-till seedbed, it had a very uniform stand. This location has a deep layer of topsoil which helped corn plants survive the heat this summer. This site received spotty rains in June and July. Corn plants stood well at harvest, but were leaning. October and November brought 18" of precipitation that delayed area harvest. Frozen ground was needed to harvest here.

† 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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FERTILITY - Applied N: 160 Spring, 18 Planter
Applied N-P-K (units): 178-46-50
SEEDING - RATE - ROW: May 8 30,000 /A 30" spacing
HARVESTED - STAND: Dec 9 28,700 /A

Full-Season Test
113 - 116 Day CRM
B2018KSNE01b

Top 30 of 42

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
Golden Harvest	G16K01-3111	3111	116	203.7	17.0	5	27.9	601	1
Hoegemeyer/HPT	8529AM	AM,B	115	200.8	16.9	5	28.9	593	2
Dekalb	DKC64-35RIB GC	VT2P,B	114	199.5	17.0	3	28.2	589	3
Hoegemeyer/HPT	8414AM	AM,B	114	199.0	16.8	3	28.5	588	4
Lewis	15DP899	VT2P,B	115	197.8	17.0	3	29.2	584	5
Pioneer	P1366AM GC	AM,B	113	196.4	17.0	6	27.5	579	6
Dyna-Gro	D54VC14	VT2P	114	195.6	17.1	3	28.5	577	7
Golden Harvest	G14V04-3120-EZR	3120,B	114	194.3	16.7	3	29.2	575	8
Renk	RK945DGV2P	VT2P,DG	115	193.2	16.9	2	29.5	570	10
NK Brand	NK1573-3110 GC	3110	115	193.1	16.8	6	28.9	571	9
Armor	1667Pro2	VT2P	116	190.4	17.1	2	28.2	561	11
AgriGold	A6572VT2RIB	VT2P,B	114	187.8	16.8	4	28.5	555	12
AgriGold	A646-12STXRIB	STX,B	116	187.1	16.9	4	28.2	552	13
Hefty	H6423	VT2P,DG	114	186.7	16.7	4	28.2	552	14
Lewis	R1414VT2P	VT2P,B	114	186.5	16.7	2	28.2	552	15
Taylor	EXP C-115-17	VT2P,B	115	185.0	17.1	3	28.2	545	16
Rob-See-Co	RC6401-3120-EZR GC	3120,B	114	184.0	16.8	3	29.2	544	17
Renk	RK937SSTX	STX	113	182.6	16.9	3	29.5	539	18
Hefty	H6622VT2P	VT2P	116	182.1	17.3	2	29.9	536	20
LG Seeds	LG66C32STXRIB	STX,B	116	181.9	16.8	1	29.9	538	19
Lewis	14DD849	VT2P,DG,B	114	180.9	16.9	3	28.9	534	22
Taylor	8866VT2ProRIB	VT2P,B	115	180.6	17.2	3	28.5	532	24
Taylor	8835VT2ProRIB	VT2P,B	114	180.4	16.2	2	28.5	536	21
LG Seeds	LG5643VT2RIB	VT2P,B	114	180.1	16.7	6	28.5	533	23
Renk	RK965VT2P	VT2P,B	116	179.1	17.0	2	28.5	528	25
Renk	RK961VT2P	VT2P,B	116	177.5	16.7	2	28.5	525	26
Channel	215-75VT2PRIB	VT2P,B	115	176.2	16.2	5	28.9	523	27
Lewis	16DP887	VT2P,B	116	172.8	17.1	2	29.2	509	28
Rob-See-Co	RC6435-3010A GC	3010,A	114	172.1	17.0	3	27.9	508	29
Phoenix	6542BZ	3120,B	116	172.0	16.8	2	28.2	508	30
Rob-See-Co	Innotech IC5831^ CK	3111	108	171.4	16.7	2	29.2	507	31

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Averages = **180.8** **16.9** **3** **28.7** **534**

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LSD (0.25) = 5.8 0.1 1

C.V. = 5.8 Prev. years average yield, 192.0 bu/a, 4 yrs

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Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A641-78STXRIB	STX,B	AC,P5V	111					
AgriGold	A642-59STXRIB	STX,B	AC,P5V	112					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Armor	0887Pro2	VT2P	AC,P5V	108					
Armor	1227Pro2	VT2P	AC,P5V	112					
Augusta	A4658GT3220	3220	CM,C2	108					
Augusta	A4860GT3220A	3220,A	CM,C2	110					
Augusta	A5162GT3000	3000GT	CM,C2	112					
Channel	209-15VT2PRIB GC	VT2P,B	AC,P2	109					
Dekalb	DKC60-88RIB GC	VT2P,B	AC,P2	110					
Dekalb	DKC62-53RIB GC	VT2P,B	AC,P2	112					
Epley	E2001GTCBLL	3010	MQ	110					
Epley	E2201GTCBLL	3010	MQ	112					
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
Golden Harvest	G11A33-3111 GC	3111	AVC,C5,Vi	111					
Golden Harvest	G11B63-3010A	3010,A	AVC,C5,Vi	111					
Hefty	H5922VT2P	VT2P	HC	109					
Hefty	H6024SS	STX,B	HC	110					
Hefty	H6214SSRIB	STX,B	HC	112					
Hefty	H6324SS	STX	HC	112					
Hoegemeyer/HPT	7886AM	AM,B	MQ,P1V,R	108					
Hoegemeyer/HPT	7900AM	AM,B	MQ,P5V,R	109					
Hoegemeyer/HPT	7946AM	AM,B	MQ,P5V,R	109					
Hoegemeyer/HPT	HP1655YHR	OI	MQ,P5V,R	110					
Lewis	08DP739	VT2P,B	AC,P2	108					
Lewis	10DP747	VT2P,B	AC,P2	110					
Lewis	11DP768	VT2P,B	AC,P2	111					
Lewis	12DP779	VT2P,B	AC,P2	112					
LG Seeds	LG5590VT2RIB	VT2P,B	AC,P5V	110					
LG Seeds	LG61C48VT2RIB	VT2P,B	AC,P5V	111					
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,l	112					
Phoenix	5552EZ	3122,B	AVC,C5,Vi	111					
Phoenix	6299EZ	3122,B	AVC,C5,Vi	112					
Pioneer	P1197AM GC	AM,B	MQ,P1V,R	111					
Renk	RK815SSTX	STX,B	AC,P2	110					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG,B	AC,P2	112					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Rob-See-Co	Innotech IC5831^ CK	3111	AVC,C2,Vi	108					
Rob-See-Co	RC6001-3220-EZR GC	3220,B	AVC,C5,Vi	110					
Taylor	8822VT2ProRIB	VT2P,B	AC,P2	111					
Taylor	EXP A 112	VT2P	AC,P2	112					

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Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A646-12STXRIB	STX,B	AC,P5V	116					
AgriGold	A6544VT2RIB	VT2P,B	AC,P5V	113					
AgriGold	A6572VT2RIB	VT2P,B	AC,P5V	114					
Armor	1447Pro2	VT2P	AC,P2	114					
Armor	1500Pro2	VT2P	AC,P5V	115					
Armor	1667Pro2	VT2P	AC,P5V	116					
Augusta	A4465GT3111	3111	AVC,C5	114					
Channel	215-75VT2PRIB	VT2P,B	AC,P2	115					
Dekalb	DKC64-35RIB GC	VT2P,B	AC,P2	114					
Dekalb	DKC65-81RIB GC	VT2P,DG,B	AC,P2	115					
Dyna-Gro	D54VC14	VT2P	AC,P5V	114					
Golden Harvest	G14V04-3120-EZR	3120,B	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Hefty	H6423	VT2P,DG	HC	114					
Hefty	H6622VT2P	VT2P	HC	116					
Hefty	H6624SS	STX	HC	116					
Hoegemeyer/HPT	8326AM	AM,B	CM,C2,R,Lu	113					
Hoegemeyer/HPT	8414AM	AM,B	CM,C2,R,Lu	114					
Hoegemeyer/HPT	8529AM	AM,B	CM,C2,R,Lu	115					
Hoegemeyer/HPT	HP1681YHR	OI	MQ,P1V,R	114					
Lewis	14DD849	VT2P,DG,B	AC,P2	114					
Lewis	15DP899	VT2P,B	AC,P2	115					
Lewis	16DP887	VT2P,B	AC,P2	116					
Lewis	R1414VT2P	VT2P,B	AC,P2	114					
LG Seeds	LG5643VT2RIB	VT2P,B	AC,P5V	114					
LG Seeds	LG66C32STXRIB	STX,B	AC,P5V	116					
NK Brand	NK1573-3110 GC	3110	AVC,C5,Vi	115					
Phoenix	6342A4	3111	AVC,C5,Vi	113					
Phoenix	6542BZ	3120,B	AVC,C5,Vi	116					
Pioneer	P1366AM GC	AM,B	MQ,P1V,R	113					
Renk	RK937SSTX	STX	AC,P5V	113					
Renk	RK945DGV2P	VT2P,DG	AC,P2	115					
Renk	RK961VT2P	VT2P,B	AC,P2	116					
Renk	RK965VT2P	VT2P,B	AC,P2	116					
Rob-See-Co	Innotech IC5831^ CK	3111	AVC,C2,Vi	108					
Rob-See-Co	Innotech IC6698^ GC	3111	AVC,C1,Vi	116					
Rob-See-Co	RC6401-3120-EZR GC	3120,B	AVC,C5,Vi	114					
Rob-See-Co	RC6435-3010A GC	3010,A	AVC,C5,Vi	114					
Rob-See-Co	RC6580-3111 GC	3111	AVC,C5,Vi	115					
Taylor	8835VT2ProRIB	VT2P,B	AC,P2	114					
Taylor	8866VT2ProRIB	VT2P,B	AC,P2	115					
Taylor	EXP C-115-17	VT2P,B	AC,P2	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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