

**2018 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 / 2,4-D, Reflex  
 SOIL DESCRIPTION: Grundy silty clay loam, moderately drained, non-irrigated  
 SOIL CONDITION: No-till, very high P, medium K, 5.5 pH, 4.0% OM, 17.7 CEC  
 PEST MANAGEMENT: Degree, Hornet, atrazine, glyphosate  
 FERTILITY - Applied N: 170 Spring  
 Applied N-P-K (units): 170-60-60  
 SEEDING - RATE - ROW: Apr 24 31,000 /A 30" spacing  
 HARVESTED - STAND: Sep 28 27,900 /A

**Early-Season Test**  
**107 - 112 Day CRM**  
 B2018KSNE04a

**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	AG18073000	3000T	112	86.8	13.4	6	28.5	260	1
Taylor	EXP A 112	V20P	112	83.7	13.0	3	28.2	251	2
Lesco	100P79	V20PB	112	80.8	13.2	6	27.9	242	3
Dekalb	DKC60 8000 GC	V20PB	116	75.7	12.7	2	28.2	237	4
AgriGold	AG12 18071000	07L B	112	73.8	12.7	6	27.9	221	5
Hoganas/HPT	70540	405	109	72.6	12.7	7	26.6	218	6
AgriGold	AG18071000	07L B	112	72.3	12.7	5	27.5	217	7
Golden Harvest	GH124 320A 42R	320A B	109	71.8	12.7	5	27.5	216	8
Taylor	802V72P400	V20PB	111	70.1	13.3	7	27.2	212	9
Holly	H12400	07L B	116	68.6	12.9	3	27.5	206	10
Lesco	100A20071	07L B	116	68.3	12.7	3	27.2	205	11
Golden Harvest	GH143 3111 GC	3111	111	68.0	12.7	5	26.5	204	12
Lesco	100A20071	07L B	116	67.9	12.9	3	27.5	203	13
Pharos	PH1000 GC	1000	111	67.7	12.7	4	27.9	200	14
AgriGold	AG18073200	3200	109	67.4	12.7	5	26.5	200	15
Rob Roy Co	RC1001 320A 42R GC	320A B	111	67.4	12.9	5	26.5	196	16
Chancellor	200 10V20PB GC	V20PB	116	65.1	13.0	3	27.2	195	17
LS Seeds	LS1000V100	V20PB	116	64.9	13.0	6	26.5	195	18
Lesco	100P79	V20PB	112	62.8	12.3	3	27.5	188	20
Hoganas/HPT	70540	405	109	62.6	12.8	3	26.5	188	21
Lesco	100P79	07L B	111	62.3	13.0	1	26.5	187	22
Lesco	100P79	07L B	116	62.3	14.2	3	26.2	187	23
Golden Harvest	GH160 3111	311A	111	62.3	13.0	3	26.2	187	24
Holly	H20110	3010	112	61.7	12.5	7	27.2	185	25
Lesco	100P79	V20PB	111	60.7	12.7	1	26.9	182	26
Dekalb	DKC60 4000 GC	V20PB	112	58.9	12.5	5	27.2	177	27
Arco	100P42	V20P	112	58.4	11.3	6	26.9	175	28
Arco	100P42	V20P	109	58.2	12.5	6	26.2	175	29
Holly	H182V20P	V20P	109	58.1	12.6	3	27.9	174	30
Holly	H12400	07L B	116	58.1	12.3	4	27.5	174	31
Arco	100P42	V20P	111	57.7	12.3	1	27.1	173	32



*Adam Stuteville*

Adam Stuteville  
 adam.stuteville@firstseedtests.com, (913) 206-6080

Averages =	<b>63.3</b>	<b>12.6</b>	<b>4</b>	<b>27.9</b>	<b>190</b>
LSD (0.10) =	13.0	0.8	ns		
LSD (0.25) =	6.8	0.4	ns		
C.V. =	19.5	Prev. years average yield, 194.1 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 seedbed. April brought below normal temperatures. May, June and July were very dry and warm. Total growing season rainfall was 12 inches below normal here. Plants were short. All ears had severe tip die-back and lots of ears too small to be gathered by the corn head. Most hybrids were standing decent, but stalks were weak. Results highly variable due to 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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 PEST MANAGEMENT: Degreee, Hornet, atrazine, glyphosate  
 FERTILITY - Applied N: 170 Spring  
 Applied N-P-K (units): 170-60-60  
 SEEDING - RATE - ROW: Apr 24 31,000 /A 30" spacing  
 HARVESTED - STAND: Sep 28 27,800 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
 B2018KSNE04b

**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
Rock	86362V27P	V27P2G	116	86.3	13.8	3	26.9	276	1
Rock	86361V27P	V27P2B	116	85.9	13.5	6	27.5	276	2
MR Brand	MR1573-3116 GC	3116	116	81.8	13.9	4	27.5	261	3
Leas	102P65	V27P2B	116	81.0	13.6	4	27.9	263	4
LG Seeds	LG844V2728B	V27P2B	114	80.3	13.6	7	26.9	263	5
Arma	86374J	V27P	114	80.4	13.6	3	26.2	261	6
DeKalb	DKC64-3098 GC	V27P2B	114	80.0	13.6	5	27.9	260	7
Golden Harvest	GH654-3126-22R	3126B	114	79.1	13.6	3	26.9	237	8
Leas	8144V27P	V27P2B	114	78.8	13.4	7	27.1	236	9
Hoggenes/HPT	82346	46B	113	77.5	13.1	3	26.5	233	10
Rob Seed Co	RC845-3126-22R GC	3126B	114	77.4	13.6	3	27.2	232	11
Hoggenes/HPT	82346	46B	113	76.4	13.1	3	27.2	229	12
Taylor	8631V27P46B	V27P2B	114	76.1	13.3	3	27.9	229	13
AgriGold	AG87V2728B	V27P2B	114	75.9	13.6	9	26.5	225	14
Arma	86374J	V27P	114	75.9	13.4	3	27.2	226	15
Hilly	8642V27P	V27P	116	75.1	13.8	5	26.2	219	16
Arma	102P4J	V27P	114	73.1	13.3	5	27.9	219	17
DeKalb	DKC64-3126 GC	V27P2B	114	72.8	13.7	6	27.6	218	18
LG Seeds	LG844V2728B	3111	116	72.6	13.4	4	27.2	218	19
Rob Seed Co	RC845-3111 GC	3111	116	71.8	13.8	3	26.2	215	20
Leas	102P4B	V27P2B	114	71.5	13.1	6	26.2	212	21
Golden Harvest	GH653-3111	3111	116	71.3	13.3	4	27.9	211	22
Taylor	8631V27P17	V27P2B	116	69.9	13.6	6	26.5	210	23
Hilly	8642V27P	37B	116	69.2	13.7	4	26.2	208	24
Rock	8631V27P	37B	113	68.9	13.5	4	26.6	207	25
Pharos	PC8646	46B	113	68.8	12.9	6	27.5	206	26
Rock	86361V27P	V27P2B	116	68.7	13.2	4	27.9	206	27
Hilly	8642V27P	V27P2G	114	68.3	13.4	4	27.9	205	28
Hoggenes/HPT	82346V146	37B	114	68.1	12.9	3	27.9	204	29
AgriGold	AG86-127V146	37B	116	67.2	13.8	6	27.2	202	30

REJECTED

Adam Stuteville  
 adam.stuteville@firstseedtests.com, (913) 206-6080

Averages =	<b>70.9</b>	<b>13.2</b>	<b>5</b>	<b>27.8</b>	<b>213</b>
LSD (0.10) =	14.0	0.5	ns		
LSD (0.25) =	7.4	0.3	ns		
C.V. =	18.7	Prev. years average yield, 194.1 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

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Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/01/2018 Revised:

**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					

2018 Corn Grain - Kansas Northeast [ KSNE ]



**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.