

2018 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / 2,4-D, Xtendimax
SOIL DESCRIPTION: Reading silt loam, well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, medium P, medium K, 5.9 pH, 3.4% OM, 15.8 CEC
PEST MANAGEMENT: Corvus, atrazine, glyphosate
FERTILITY - Applied N: 170 Spring
Applied N-P-K (units): 170-50-50
SEEDING - RATE - ROW: May 7 30,000 /A 30" spacing
HARVESTED - STAND: Dec 10 27,800 /A

Early-Season Test
107 - 112 Day CRM
B2018KSNE06a

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
Tagco	862V2P488	V2P48	111	51.6	16.3	0	28.2	163	1
Holly	H62445	57L_B	110	51.2	16.6	0	28.5	162	2
Egby	E22H10CBLL	3010	112	50.9	16.4	0	27.9	161	3
DeKalb	206-10V2P488 GC	V2P48	109	50.8	16.3	1	27.2	160	4
Pharos	52962	3122B	112	49.9	16.3	1	28.5	160	5
AgriGold	AA41-7807V48	57L_B	111	49.3	16.3	0	27.2	160	6
Holly	H622V2P	V2P	109	49.0	16.3	0	27.7	160	7
Lesco	10DF58	V2P48	111	48.5	16.3	0	27.5	160	8
Hoggenue/HPT	76546	46B	107	48.3	16.2	0	27.5	160	9
Hoggenue/HPT	76546	46B	107	48.2	16.2	0	27.2	160	10
Golden Harvest	009124-320A-42R	320A-B	109	47.3	16.3	0	27.2	160	11
Lesco	10DF47	V2P48	110	47.1	16.4	0	28.5	160	12
DeKalb	DKC60-889B GC	V2P48	110	46.9	16.4	2	28.2	159	13
Golden Harvest	019435-3111 GC	3111	111	46.9	16.3	0	27.9	159	14
AgriGold	AA4007V48	57L_B	111	46.8	16.4	0	28.2	159	15
AgriGold	AA41-807V48	57L_B	111	46.4	16.6	1	27.2	159	16
LG Seeds	LG28M7298	V2P48	111	46.1	16.4	1	27.6	157	17
Arco	107H_1	V2P	111	45.8	16.3	0	28.2	156	18
Pharos	51910	46B	111	44.8	16.3	0	27.9	153	19
Golden Harvest	019435-3111 GC	3111	111	44.5	16.1	0	28.9	152	20
LG Seeds	LG21C107V48	V2P48	111	44.2	15.8	0	28.9	152	21
Rank	862V2P48	V2P48	111	43.7	16.3	0	27.9	150	22
Rank	862V2P48	V2P48	112	43.4	16.7	0	28.9	150	23
Rank	862V2P48	57L_B	110	43.2	16.6	0	27.6	150	24
NuTech	59448	3880T	112	42.5	16.3	0	29.2	150	25
Rank	862V2P48	57L_B	112	42.2	16.8	0	28.9	150	26
Egby	E22H10CBLL	3010	110	41.9	16.3	1	27.6	150	27
Holly	H62445	57L_B	112	41.6	16.2	0	28.2	150	28
DeKalb	DKC60-889B GC	V2P48	112	41.2	16.6	0	28.2	150	29
Hoggenue/HPT	4P1001V48	0	110	41.1	16.6	1	27.6	150	30

DATA REJECTED

Rob-See-Co	Innotech IC5831^ CK	3111	108	30.3	15.6	0	27.5	90	41
				Averages =	43.0	16.2	0	27.8	128
				LSD (0.10) =	ns	ns	ns		
				LSD (0.25) =	ns	0.4	ns		
				C.V. =	27.8	Prev. years average yield, 163.2 bu/a, 2 yrs			

Adam Stuteville
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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 and had a good stand at growth stage V4. May, June and July brought hot weather and extreme drought. Growing season rainfall at this site was 12" below normal. Plants were short but stood well. Ears were shriveled with missing kernels due to hot dry conditions. A large number of area corn acres were chopped for silage 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: Corvus, atrazine, glyphosate
FERTILITY - Applied N: 170 Spring
Applied N-P-K (units): 170-50-50
SEEDING - RATE - ROW: May 7 30,000 /A 30" spacing
HARVESTED - STAND: Dec 10 28,000 /A

Full-Season Test
113 - 116 Day CRM
B2018KSNE06b

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	GC6825 3111	3111	116	83.3	16.8	0	27.9	107	1
Lesco	102P88	VTOPB	116	83.3	16.8	0	27.9	106	2
Lesco	8036V70P	VTOPB	116	81.1	16.3	0	28.2	101	3
Lesco	8036V70P	VTOPB	116	80.5	16.8	1	28.2	107	4
Hargreaves/HPT	822546	46B	113	80.3	16.3	0	28.9	106	5
Dehae	DN285 4788 GC	VTOPDGB	116	80.4	16.8	0	28.5	104	6
Taylor	8810V70P48B	VTOPB	114	81.4	16.7	0	27.7	104	7
Holly	HE423	VTOPDG	114	84.9	17.1	0	28.2	102	8
Rob-See-Co	Innotech IC88P GC	3111	118	83.8	16.3	0	27.5	100	9
Dyne-Gro	DN42 14	VTOP	114	83.7	16.8	0	28.5	109	10
Holly	HE423V70P	VTOP	114	83.6	16.8	0	28.2	109	11
LS Seeds	L2844V70B	VTOPB	114	83.4	16.4	0	27.6	108	12
Taylor	8810 116 17	VTOPB	116	81.8	16.8	0	28.9	107	13
Argenta	A48802311	3111	114	81.7	16.7	1	27.2	107	14
Taylor	8810V70P48B	VTOPB	114	81.6	16.6	0	27.9	106	15
Arco	8434J	VTOP	116	81.5	16.7	0	27.9	105	16
AgriGold	AG12V70B	VTOPB	113	82.3	16.6	0	28.9	105	17
AgriGold	AG48 170P	3111	113	82.3	16.8	0	27.2	105	18
Chancellor	216	VTOPB	116	82.1	16.9	2	28.2	104	19
Arco	8434J	VTOP	116	82.0	16.6	0	28.9	104	20
Holly	HE423	VTOPDG	116	81.7	16.8	0	28.2	103	21
Lesco	8036V70P	VTOPDG	116	81.6	16.3	0	28.2	103	22
Hargreaves/HPT	822546	46B	116	81.6	16.8	0	27.9	102	23
LS Seeds	LS117	3111	116	81.2	16.3	0	28.2	102	24
Hargreaves/HPT	822546	46B	114	81.1	16.5	0	28.2	101	25
AgriGold	AG48V70B	VTOPB	113	80.7	16.8	0	28.9	100	26
Lesco	102P87	VTOPB	116	80.6	16.6	0	27.2	100	27
Lesco	8036V70P	3111	113	80.5	16.6	2	27.9	100	28
Lesco	8144V70P	VTOPB	114	80.3	16.5	0	28.5	100	29
Arco	8434J	VTOP	114	80.1	16.7	0	27.5	100	30

DATA REJECTED

Rob-See-Co	Innotech IC5831^ CK	3111	108	34.3	16.6	0	28.5	102	42
				Averages =	50.8	16.7	0	28.0	150
				LSD (0.10) =	ns	ns	ns		
				LSD (0.25) =	ns	ns	ns		
				C.V. =	19.4	Prev. years average yield, 163.2 bu/a, 2 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.