

2018 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] STILWELL
Bruce Betts, Johnson County, KS 66013



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

PREV. CROP/HERB: Soybean / Xtendimax, Dual
SOIL DESCRIPTION: Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, high P, medium K, 5.6 pH, 3.8% OM, 15.2 CEC
PEST MANAGEMENT: 2,4-D, glyphosate, Intrusion, Dual, atrazine
FERTILITY - Applied N: 180 Spring
Applied N-P-K (units): 180-60-60
SEEDING - RATE - ROW: May 8 31,000 /A 30" spacing
HARVESTED - STAND: Dec 8 28,600 /A

Early-Season Test

107 - 112 Day CRM
B2018KSNE02a

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
Hefty	H6324SS	STX	112	184.5	17.0	1	28.5	544	1
Taylor	8822VT2ProRIB	VT2P,B	111	181.3	16.6	4	28.2	537	2
Hefty	H6214SSRIB	STX,B	112	178.4	16.6	1	28.2	528	3
AgriGold	A6499STXRIB	STX,B	112	178.4	17.0	2	28.5	526	5
AgriGold	A641-78STXRIB	STX,B	111	177.9	16.3	2	28.9	528	4
Lewis	11DPP768	VT2P,B	111	177.8	16.6	2	28.5	526	6
LG Seeds	LG61C48VT2RIB	VT2P,B	111	176.6	15.9	3	27.9	526	7
Pioneer	P1197AM GC	AM,B	111	176.1	16.2	3	29.2	523	8
AgriGold	A642-59STXRIB	STX,B	112	174.3	16.1	3	28.9	518	9
Phoenix	6299EZ	3122,B	112	167.8	16.6	4	27.9	497	10
Renk	RK842SSTX	STX	112	166.0	16.6	5	29.2	491	11
Hefty	H6024SS	STX,B	110	164.8	15.8	2	28.2	491	12
Hoegemeyer/HPT	HP1655YHR	OI	110	162.9	16.7	3	28.9	482	13
Renk	RK815SSTX	STX,B	110	161.3	16.3	4	28.2	479	14
Renk	RK859DGV2P	VT2P,DG,B	112	161.3	16.5	5	29.9	478	15
Lewis	08DPP739	VT2P,B	108	157.8	16.7	3	28.2	467	16
Armor	1227Pro2	VT2P	112	155.9	16.7	3	28.2	461	17
Rob-See-Co	RC6001-3220-EZR GC	3220,B	110	148.2	16.0	4	29.2	441	18
Epley	E2001GTCBLL	3010	110	145.2	16.0	2	29.2	432	19
LG Seeds	LG5590VT2RIB	VT2P,B	110	142.8	15.8	1	28.5	426	20
Lewis	12DPP779	VT2P,B	112	142.6	16.1	1	29.2	424	21
Golden Harvest	G11B63-3010A	3010,A	111	142.6	16.3	1	28.2	423	22
NuTech	5NN-8812	3000GT	112	141.9	16.5	2	28.2	420	23
Dekalb	DKC60-88RIB GC	VT2P,B	110	140.7	16.3	1	28.5	418	24
Epley	E2201GTCBLL	3010	112	140.6	16.1	2	28.9	418	25
Augusta	A4860GT3220A	3220,A	110	139.9	16.7	3	28.5	414	26
Lewis	10DPP747	VT2P,B	110	136.0	16.7	1	29.2	402	27
Hoegemeyer/HPT	7900AM	AM,B	109	134.1	17.0	1	28.5	396	28
Taylor	EXP A 112	VT2P	112	133.7	16.7	2	28.9	395	29
Armor	0887Pro2	VT2P	108	133.1	16.5	1	28.5	394	30
Rob-See-Co	Innotech IC5831^ CK	3111	108	130.7	16.4	5	28.2	388	33

Adam Stuteville

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Averages = **148.6** **16.4** **2** **28.6** **441**

LSD (0.10) = 10.1 0.1 ns

LSD (0.25) = 5.3 0.1 ns

C.V. = 6.5 Prev. years average yield, 185.5 bu/a, 3 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 tilled seedbed and emerged great. Temperatures in May, June and July were above normal. This area caught a few late June and early July showers that really helped yield. A very light amount of gray leaf spot was present. Plants stood better than expected despite a harvest delayed by 18" of precipitation from Oct. 1 to harvest. Frozen ground required for harvest.

† 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: 180 Spring
Applied N-P-K (units): 180-60-60
SEEDING - RATE - ROW: May 8 31,000 /A 30" spacing
HARVESTED - STAND: Dec 8 28,600 /A

Full-Season Test
113 - 116 Day CRM
B2018KSNE02b

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
Lewis	15DP899	VT2P,B	115	176.3	16.8	3	28.5	521	1
Dekalb	DKC64-35RIB GC	VT2P,B	114	167.4	16.8	2	28.9	495	2
NK Brand	NK1573-3110 GC	3110	115	166.8	16.5	5	28.2	494	3
Golden Harvest	G16K01-3111	3111	116	166.2	16.7	2	28.2	492	4
Hoegemeyer/HPT	8529AM	AM,B	115	164.2	16.7	1	28.5	486	5
Renk	RK945DGV2P	VT2P,DG	115	162.8	16.6	2	29.2	482	6
Hoegemeyer/HPT	8414AM	AM,B	114	162.8	16.7	3	28.2	481	7
Golden Harvest	G14V04-3120-EZR	3120,B	114	161.8	16.5	2	28.9	479	8
Armor	1667Pro2	VT2P	116	160.0	16.9	2	29.2	472	9
Taylor	EXP C-115-17	VT2P,B	115	158.5	16.9	3	28.9	468	10
AgriGold	A646-12STXRIB	STX,B	116	156.6	16.7	3	27.9	463	12
Taylor	8835VT2ProRIB	VT2P,B	114	156.3	15.5	2	27.5	467	11
AgriGold	A6572VT2RIB	VT2P,B	114	154.4	16.5	4	29.5	457	13
Renk	RK937SSTX	STX	113	152.6	16.9	2	27.5	451	14
Pioneer	P1366AM GC	AM,B	113	151.2	16.8	5	28.5	447	15
Rob-See-Co	RC6401-3120-EZR GC	3120,B	114	151.1	16.6	5	29.2	447	16
Dyna-Gro	D54VC14	VT2P	114	150.3	16.9	5	28.9	444	17
Hefty	H6622VT2P	VT2P	116	150.2	17.0	2	28.2	443	18
Taylor	8866VT2ProRIB	VT2P,B	115	149.8	17.0	6	29.2	442	19
Lewis	14DD849	VT2P,DG,B	114	148.8	16.7	4	28.9	440	20
Hefty	H6423	VT2P,DG	114	146.3	16.6	4	27.5	433	21
Renk	RK961VT2P	VT2P,B	116	145.3	16.5	1	29.2	430	22
Channel	215-75VT2PRIB	VT2P,B	115	143.3	16.0	1	28.9	426	23
Phoenix	6542BZ	3120,B	116	143.0	16.6	4	28.5	423	24
LG Seeds	LG66C32STXRIB	STX,B	116	142.1	16.5	2	28.9	421	25
Rob-See-Co	RC6580-3111 GC	3111	115	140.6	16.7	2	29.2	416	26
Lewis	16DP887	VT2P,B	116	140.2	17.2	6	28.2	413	27
AgriGold	A6544VT2RIB	VT2P,B	113	139.2	16.9	7	28.5	411	28
Rob-See-Co	RC6435-3010A GC	3010,A	114	138.9	16.9	3	28.9	410	29
Lewis	R1414VT2P	VT2P,B	114	138.2	16.5	3	27.5	409	30
Rob-See-Co	Innotech IC5831^ CK	3111	108	138.0	16.4	6	28.5	409	31

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Averages =	146.6	16.7	3	28.6	434
LSD (0.10) =	10.2	0.1	ns		
LSD (0.25) =	5.3	0.1	ns		
C.V. =	6.6	Prev. years average yield, 185.5 bu/a, 3 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 tilled seedbed and emerged great. Temperatures in May, June and July were above normal. This area caught a few late June and early July showers that really helped yield. A very light amount of gray leaf spot was present. Plants stood better than expected despite a harvest delayed by 18" of precipitation from Oct. 1 to harvest. Frozen ground required for harvest.

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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					

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.