

# 2014 Corn Grain Top 30 Harvest Report

Kansas Northeast [ KSNE ] VALLEY FALLS

Craig Gigstad, Jefferson County, KS 66088



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

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Grungy silty clay loam, mod. poor drained, no-till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 2.4% OM  
 PEST MANAGEMENT: Degree Xtra, Impact, Hornet, glyphosate  
 FERTILITY - Applied N: 140 Fall  
 Applied N-P-K (units): 140-60-60  
 SEEDED - RATE - ROW: Apr 23 32,000 /A 30" spacing  
 HARVESTED - STAND: Sep 30 30,000 /A

## Early-Season Test

107 - 112 Day CRM

B2014KSNE03a

## Top 30 of 36

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1257AM GC	AM,B	MQ,P1V,R	112	<b>233.4</b>	18.3	0	29.9	634	1
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>231.1</b>	18.9	0	29.9	625	3
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	<b>231.0</b>	19.0	0	29.9	624	4
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	106	<b>227.3</b>	16.9	0	29.9	626	2
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	225.3	19.2	0	30.2	607	5
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109	221.0	18.6	0	29.9	599	8
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	220.8	18.0	0	31.2	602	6
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	218.9	17.4	0	29.6	600	7
Curry	XC-1412CYXR GC	OIXT	MQ,P1V,R	112	214.2	18.9	0	29.9	579	9
Renk	RK834SSTX	STX	AC,P2	111	212.2	18.5	0	29.6	576	10
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	211.3	17.9	0	29.9	576	11
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	204.0	18.5	0	30.6	553	12
Mycogen	2V709	STX,B	CM,C2	110	201.6	17.5	0	30.2	552	13
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	201.5	17.8	0	29.2	550	15
Prairie Brand	5815SX	STX	CM,C2	107	200.6	18.4	0	29.9	545	16
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	199.2	16.3	0	30.6	551	14
Lewis	R1407VT2P	VT2P,B	AC,P5V	107	196.6	17.0	0	29.6	541	17
Prairie Brand	6305RA	STX,B	CM,C2	113	196.4	19.2	0	29.9	529	19
Renk	RK791SSTX	STX,B	AC,P2	108	194.7	17.5	0	30.2	533	18
Ohlde	O 24-12VT2ProRB	VT2P,B	AC,P2	112	192.4	18.3	0	30.2	523	20
Mycogen	2V717	STX,B	CM,C2	111	190.5	18.2	0	29.9	518	23
Ohlde	O 24-10VT2ProRB	VT2P,B	AC,P2	110	189.9	17.5	0	29.6	520	22
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	188.2	16.0	0	29.9	522	21
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	185.6	18.1	0	29.2	505	25
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	185.2	18.2	0	30.6	504	26
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	177.7	16.4	0	30.2	491	27
Dekalb	DKC55-09RIB GC	STX,B	AC,P5V	105	177.7	16.8	0	30.2	490	28
Curry	830-39AMX GC	AMX,AQ,B	MQ,P5V,R	110	176.8	18.3	0	29.9	480	29
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	174.7	18.0	0	30.6	476	31
Dekalb	DKC57-77RIB GC	VT2P,DG,B	AC,P2	107	173.3	16.4	0	29.9	479	30
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	188.4	18.3	0	29.9	512	24

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Test Average = **196.5** **17.9** **0** **30.0** **536**

LSD (0.10) = 30.2 0.8 0

LSD (0.25) = 21.0 0.6 0

C.V. = 11.3 3.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$2.80}{\$2.80}$  Local GMO non-GMO

**Test Comments:** *Excellent weed control and timely rains pushed yield levels at this site. Corn plants were standing well but stalk quality was starting to deteriorate. A light infestation of gray leaf spot was present. Ears were girthy and long with 1/2" of tip die-back. Pollination was excellent as indicated by a full kernel set.*

† 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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Report date: 10/1/2014 Revised:

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 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 2.4% OM  
 PEST MANAGEMENT: Degree Xtra, Impact, Hornet, glyphosate  
 FERTILITY - Applied N: 140 Fall  
 Applied N-P-K (units): 140-60-60  
 SEEDED - RATE - ROW: Apr 23 32,000 /A 30" spacing  
 HARVESTED - STAND: Sep 30 30,100 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
 B2014KSNE03b

**Top 30 of 36**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	237.5	19.8	0	29.2	637	2
Ohlde	O 24-13VT2ProRB	VT2P,B	AC,P2	113	236.4	18.9	0	30.2	639	1
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	235.3	19.5	0	29.6	632	3
Ohlde	O 24-14DGVT2ProRB	VT2P,DG,B	AC,P2	114	227.3	19.5	0	29.9	611	5
Dekalb	DKC63-55RIB GC	VT2P,DG,B	AC,P5V	113	227.1	18.7	0	30.2	615	4
LG Seeds	LG5717VT2P	VT2P	AC,P5V	116	226.1	20.3	0	30.2	603	7
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	224.8	20.2	0	30.6	600	8
Ohlde	O 23-15VT2ProRB	VT2P,B	AC,P2	115	224.0	19.1	0	29.6	604	6
Curry	733-13AM GC	AM,AQ,B	MQ,P5V,R	113	219.1	18.7	0	30.2	593	10
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	218.4	18.4	0	30.2	593	11
Golden Harvest	G14H66-GTA GC	GT,A	AVC,C5	114	217.3	19.4	0	31.2	585	12
Pioneer	P1690CHR GC	OT	MQ,P1V,R	116	215.4	21.0	0	30.2	571	16
Renk	RK930VT3P	VT3P,B	AC,P2	115	214.9	19.3	0	30.2	579	13
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	213.4	19.1	0	29.6	576	14
Renk	RK941SSTX	STX,B	AC,P2	114	212.3	20.1	0	30.9	567	18
Dekalb	DKC65-81RIB GC	VT2P,DG,B	AC,P2	115	211.4	19.4	0	29.9	569	17
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	211.2	18.1	0	30.6	575	15
Mycogen	2C788	STX,B	CM,C2	114	209.3	19.8	0	30.2	561	19
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	206.9	20.0	0	30.6	553	21
Channel	213-59STXRIB GC	STX,B	AC,P5V	113	204.6	17.7	0	30.2	559	20
Renk	RK890SSTX	STX,B	AC,P2	113	199.8	18.4	0	29.9	542	22
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	199.1	19.7	0	29.9	534	24
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	198.6	18.3	0	30.6	540	23
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	196.7	18.5	0	29.9	534	25
Ohlde	O 25-16VT2ProRB	VT2P,B	AC,P2	116	195.9	19.0	0	30.6	529	26
Channel	213-40VT3PRIB GC	VT3P,B	AC,P2	113	195.8	19.3	0	29.2	527	28
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	194.7	18.6	0	30.6	528	27
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114	190.4	19.3	0	29.9	513	29
Renk	RK898SSTX	STX	AC,P2	113	189.6	19.0	0	30.2	512	30
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114	187.9	19.8	0	29.9	504	31
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	218.8	17.8	0	29.6	597	9

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Test Average = **205.5** 19.1 1 30.1 554  
 LSD (0.10) = 32.6 0.9 1  
 LSD (0.25) = 22.7 0.6 1  
 C.V. = 11.6 3.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$2.80}{\$2.80}$  Local GMO non-GMO

**Test Comments:** *Excellent weed control and timely rains pushed yield levels at this site. Corn plants were standing well but stalk quality was starting to deteriorate. A light infestation of gray leaf spot was present. Ears were girthy and long with 1/2" of tip die-back. Pollination was excellent as indicated by a full kernel set.*

† 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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 Report date: 10/1/2014 Revised:

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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	A6408VT3PRIB	VT3P,B	AC,P5V	107					
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Curry	830-39AMX GC	AMX,AQ,B	MQ,P5V,R	110					
Curry	XC-1412CYXR GC	OIXT	MQ,P1V,R	112					
Dekalb	DKC55-09RIB GC	STX,B	AC,P5V	105					
Dekalb	DKC57-77RIB GC	VT2P,DG,B	AC,P2	107					
Dekalb	DKC60-55RIB GC	VT2P,DG,B	AC,P2	110					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112					
Dyna-Gro	D50VC43	VT2P	AC,P5V	110					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111					
Lewis	R1407VT2P	VT2P,B	AC,P5V	107					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107					
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	106					
Ohlde	O 24-10VT2ProRB	VT2P,B	AC,P2	110					
Ohlde	O 24-12VT2ProRB	VT2P,B	AC,P2	112					
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109					
Pioneer	P0987AM GC	AM,B	MQ,P1V	109					
Pioneer	P1257AM GC	AM,B	MQ,P1V,R	112					
Prairie Brand	5815SX	STX	CM,C2	107					
Prairie Brand	5985SX	STX	CM,C2	111					
Prairie Brand	6305RA	STX,B	CM,C2	113					
Renk	RK791SSTX	STX,B	AC,P2	108					
Renk	RK834SSTX	STX	AC,P2	111					
Renk	RK858VT3P	VT3P,B	AC,P2	112					
Renk	RK860VT3P	VT3P,B	AC,P2	111					

2014 Corn Grain - Kansas Northeast [ KSNE ]



**Full-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114					
AgriGold	A6559STXRIB	STX,B	AC,P5V	113					
Channel	213-40VT3PRIB GC	VT3P,B	AC,P2	113					
Channel	213-59STXRIB GC	STX,B	AC,P5V	113					
Curry	733-13AM GC	AM,AQ,B	MQ,P5V,R	113					
Dekalb	DKC63-55RIB GC	VT2P,DG,B	AC,P5V	113					
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114					
Dekalb	DKC65-81RIB GC	VT2P,DG,B	AC,P2	115					
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114					
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111					
Golden Harvest	G14H66-GTA GC	GT,A	AVC,C5	114					
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114					
Lewis	R1414VT2P	VT2P,B	AC,P5V	114					
Lewis	R1415VT2P	VT2P,B	AC,P5V	115					
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114					
LG Seeds	LG5717VT2P	VT2P	AC,P5V	116					
Mycogen	2C788	STX,B	CM,C2	114					
Mycogen	2C799	STX,B	CM,C2	114					
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Ohlde	O 23-15VT2ProRB	VT2P,B	AC,P2	115					
Ohlde	O 24-13VT2ProRB	VT2P,B	AC,P2	113					
Ohlde	O 24-14DGV2ProRB	VT2P,DG,B	AC,P2	114					
Ohlde	O 25-16VT2ProRB	VT2P,B	AC,P2	116					
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114					
Pioneer	P1690CHR GC	OT	MQ,P1V,R	116					
Prairie Brand	1123RA	STX,B	CM,C2	113					
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116					
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116					
Renk	RK890SSTX	STX,B	AC,P2	113					
Renk	RK898SSTX	STX	AC,P2	113					
Renk	RK930VT3P	VT3P,B	AC,P2	115					
Renk	RK941SSTX	STX,B	AC,P2	114					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
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)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	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® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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