

2014 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BUCYRUS

Bruce Betts, Miami County, KS 66013



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

PREV. CROP/HERB: Soybean / Prefix, Roundup
 SOIL DESCRIPTION: Grundy silt loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 2.2% OM
 PEST MANAGEMENT: Lexar, atrazine, Roundup PowerMax
 FERTILITY - Applied N: 207 Spring
 Applied N-P-K (units): 207-69-30
 SEEDED - RATE - ROW: May 6 32,000 /A 30" spacing
 HARVESTED - STAND: Nov 14 29,300 /A

Early-Season Test

107 - 112 Day CRM

B2014KSNE01a

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
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	237.4	15.8	0	28.2	755	1
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	235.0	15.7	0	29.6	748	2
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109	231.6	15.5	0	29.9	738	3
Mycogen	2V717	STX,B	CM,C2	111	229.5	15.5	0	29.2	732	4
Ohlde	O 24-10VT2ProRB	VT2P,B	AC,P2	110	227.4	15.6	0	29.2	724	5
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	226.1	15.2	0	29.9	722	6
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	222.3	15.4	0	29.9	709	8
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	222.1	15.0	0	29.6	711	7
Renk	RK860VT3P	VT3P,B	AC,P2	111	221.7	15.6	0	29.2	706	9
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	106	220.6	14.9	0	28.9	706	10
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	219.5	15.6	0	29.6	699	11
Mycogen	2V709	STX,B	CM,C2	110	217.1	15.3	0	29.2	693	12
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	216.4	15.6	0	28.9	689	13
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	213.2	15.8	0	29.2	678	14
Curry	830-39AMX GC	AMX,AQ,B	MQ,P5V,R	110	212.3	15.2	0	28.9	678	15
Prairie Brand	6305RA	STX,B	CM,C2	113	212.2	15.3	0	29.6	677	16
Renk	RK791SSTX	STX,B	AC,P2	108	211.7	14.9	0	29.2	677	17
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	211.3	15.3	0	29.2	675	18
Prairie Brand	5985SX	STX	CM,C2	111	210.0	15.2	0	28.6	671	20
Prairie Brand	5815SX	STX	CM,C2	107	208.3	15.1	0	28.9	666	21
Dekalb	DKC55-09RIB GC	STX,B	AC,P5V	105	204.3	15.3	0	28.2	652	22
Renk	RK834SSTX	STX	AC,P2	111	204.2	15.7	0	29.6	650	23
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	200.6	14.9	0	28.9	642	24
Pioneer	P0987AM GC	AM,B	MQ,P1V	109	199.2	15.4	0	29.6	635	25
Ohlde	O 24-12VT2ProRB	VT2P,B	AC,P2	112	197.3	15.5	0	30.9	629	26
Dekalb	DKC60-55RIB GC	VT2P,DG,B	AC,P2	110	196.1	15.3	0	28.9	626	27
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	194.7	15.3	0	30.2	622	28
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	189.7	15.1	0	29.2	607	29
Pioneer	P1257AM GC	AM,B	MQ,P1V,R	112	188.5	15.1	0	29.9	603	30
Dekalb	DKC57-77RIB GC	VT2P,DG,B	AC,P2	107	186.8	15.0	0	29.9	598	31
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	210.4	15.0	0	29.6	673	19

Adam Stuteville

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

Test Average = 206.9 15.3 0 29.3 660

LSD (0.10) = 12.3 0.3 ns

LSD (0.25) = 8.6 0.2 ns

C.V. = 4.4 1.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.20 Local GMO / \$3.20 non-GMO

Test Comments: This site was planted into an excellent tilled seedbed and emerged rapidly. The crop received a very light frost on it at the V1 growth stage. The month of June brought plenty of rainfall, over 16 inches. At harvest, corn was standing well but the plant tops had broken off of most hybrids. Ears were large and kernels extended beyond the husk. Weed control was great and very little foliar disease seen.

† 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: Lexar, atrazine, Roundup PowerMax
 FERTILITY - Applied N: 207 Spring
 Applied N-P-K (units): 207-69-30
 SEEDED - RATE - ROW: May 6 32,000 /A 30" spacing
 HARVESTED - STAND: Nov 14 29,300 /A

Full-Season Test

113 - 116 Day CRM
 B2014KSNE01b

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	P1498AM GC	AM,AQ,B	MQ,P1V,R	114	239.9	15.7	0	30.2	763	1
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	233.8	15.1	0	28.6	748	2
Dekalb	DKC63-55RIB GC	VT2P,DG,B	AC,P5V	113	233.8	15.7	0	29.6	744	3
Ohlde	O 24-14DGVT2ProRB	VT2P,DG,B	AC,P2	114	230.5	15.2	0	29.6	736	4
LG Seeds	LG5717VT2P	VT2P	AC,P5V	116	225.6	15.5	0	29.6	719	6
Channel	213-40VT3PRIB GC	VT3P,B	AC,P2	113	225.5	15.6	0	29.2	718	7
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	222.8	15.4	0	28.6	711	8
Mycogen	2C799	STX,B	CM,C2	114	222.0	15.3	0	28.2	709	9
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	220.3	15.8	0	29.2	701	11
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	219.5	15.0	0	29.2	702	10
Prairie Brand	1123RA	STX,B	CM,C2	113	219.5	15.3	0	28.9	701	12
Channel	213-59STXRIB GC	STX,B	AC,P5V	113	217.4	15.2	0	28.9	695	13
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	216.8	15.8	0	29.2	689	15
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114	216.5	15.5	0	29.9	690	14
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	215.1	15.3	0	29.2	687	16
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	214.5	15.5	0	30.6	684	18
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	214.3	15.0	0	29.6	686	17
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	213.5	15.4	0	29.2	681	19
Curry	733-13AM GC	AM,AQ,B	MQ,P5V,R	113	211.7	15.3	0	28.9	676	20
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	208.2	15.5	0	29.2	664	21
Renk	RK898SSTX	STX	AC,P2	113	204.8	15.1	0	29.6	655	22
Renk	RK890SSTX	STX,B	AC,P2	113	204.7	14.8	0	28.9	655	23
Golden Harvest	G14H66-GTA GC	GT,A	AVC,C5	114	202.8	15.9	0	29.6	644	24
Ohlde	O 24-13VT2ProRB	VT2P,B	AC,P2	113	201.9	15.4	0	29.2	644	25
Mycogen	2C788	STX,B	CM,C2	114	201.4	15.3	0	28.9	643	26
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	201.4	15.8	0	29.2	640	27
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	199.7	15.5	0	30.6	637	28
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	198.0	15.2	0	29.6	633	29
Ohlde	O 25-16VT2ProRB	VT2P,B	AC,P2	116	196.1	15.7	0	29.9	624	30
Renk	RK930VT3P	VT3P,B	AC,P2	115	192.7	15.4	0	29.6	615	31
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	229.0	14.7	0	29.2	733	5

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Test Average = **208.5** 15.4 0 29.3 665
 LSD (0.10) = 12.1 0.3 ns
 LSD (0.25) = 8.4 0.2 ns
 C.V. = 4.2 1.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.20}{\$3.20}$ Local GMO non-GMO

Test Comments: This site was planted into an excellent tilled seedbed and emerged rapidly. The crop received a very light frost on it at the V1 growth stage. The month of June brought plenty of rainfall, over 16 inches. At harvest, corn was standing well but the plant tops had broken off of most hybrids. Ears were large and kernels extended beyond the husk. Weed control was great and very little foliar disease seen.

† 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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2014 Corn Grain - Kansas Northeast [KSNE]



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					

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Full-Season Test Products (36 Total)

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

Company/Brand	Product/Brand	Technol.	Seed Trt	RM

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® TRIsect® (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	Acceleron® 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.