

2014 Corn Grain Top 30 Harvest Report
 Kansas Northeast [KSNE] SENECA
 Clarence Engelken, Nemaha County, KS 66538



PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Wymore-Baileyville complex silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.9 pH, 2.2% OM
 PEST MANAGEMENT: Roundup PowerMax, Degree Xtra
 FERTILITY - Applied N: 120 Spring
 Applied N-P-K (units): 120-40-30
 SEEDED - RATE - ROW: May 5 32,000 /A 30" spacing
 HARVESTED - STAND: Oct 7 29,200 /A

Early-Season Test
107 - 112 Day CRM
 B2014KSNE05a

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
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	163.1	19.8	0	29.2	437	2
Mycogen	2V717	STX,B	CM,C2	111	161.4	17.8	0	29.2	441	1
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	160.6	18.5	0	29.2	436	3
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112	158.8	20.2	0	29.9	424	5
Renk	RK858VT3P	VT3P,B	AC,P2	112	157.3	19.2	0	29.2	424	6
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	157.2	19.4	0	28.6	423	7
Curry	830-39AMX GC	AMX,AQ,B	MQ,P5V,R	110	157.1	18.3	0	29.6	427	4
Prairie Brand	6305RA	STX,B	CM,C2	113	156.4	20.5	0	29.2	416	10
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110	154.9	18.3	0	28.9	421	8
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	154.6	20.5	0	29.6	412	12
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	154.4	18.0	0	28.9	421	9
Renk	RK834SSTX	STX	AC,P2	111	153.8	19.5	0	28.6	413	11
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	152.7	21.4	0	29.2	403	18
Pioneer	P0987AM GC	AM,B	MQ,P1V	109	151.0	18.6	0	28.9	409	13
Ohlde	O 24-12VT2ProRB	VT2P,B	AC,P2	112	150.8	19.6	0	28.6	405	17
Renk	RK860VT3P	VT3P,B	AC,P2	111	150.5	18.5	0	28.9	408	14
Mycogen	2V709	STX,B	CM,C2	110	150.5	19.1	0	29.2	406	15
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	149.5	19.4	0	29.2	402	21
Prairie Brand	5815SX	STX	CM,C2	107	149.1	18.0	0	28.9	406	16
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109	148.2	18.7	0	29.6	401	22
Dekalb	DKC60-55RIB GC	VT2P,DG,B	AC,P2	110	147.6	17.7	0	29.6	403	19
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	147.0	17.3	0	28.9	403	20
Curry	XC-1412CYXR GC	OIXT	MQ,P1V,R	112	146.2	19.3	0	29.6	394	27
Renk	RK791SSTX	STX,B	AC,P2	108	145.7	17.5	0	29.6	399	24
Lewis	R1407VT2P	VT2P,B	AC,P5V	107	145.4	18.0	0	28.6	396	25
Dekalb	DKC55-09RIB GC	STX,B	AC,P5V	105	145.0	16.4	0	29.9	401	23
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	144.4	18.1	0	29.2	393	29
Dekalb	DKC57-77RIB GC	VT2P,DG,B	AC,P2	107	144.2	17.1	0	28.9	396	26
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	143.5	17.2	0	28.6	394	28
Ohlde	O 24-10VT2ProRB	VT2P,B	AC,P2	110	143.3	18.5	0	28.6	389	30
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	142.6	18.9	0	29.6	385	32

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Test Average = **149.7** **18.7** **0** **29.2** **405**
 LSD (0.10) = 12.1 1.1 ns
 LSD (0.25) = 8.5 0.8 ns
 C.V. = 6.0 4.3

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: *This site was planted into good soil moisture and emerged very well. It received timely rains in June and early July, but went through an extended dry period late July through August. Weed control was very good. Light infestation of gray leaf spot was present. Corn ears had up to 1 inch of tip die-back and 14 to 16 kernal rows around. Corn plants stood decent at harvest but stalks were very brittle.*

† 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: 10/8/2014 Revised:

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 SOIL CONDITION: Moderate P, moderate K, 6.9 pH, 2.2% OM
 PEST MANAGEMENT: Roundup PowerMax, Degree Xtra
 FERTILITY - Applied N: 120 Spring
 Applied N-P-K (units): 120-40-30
 SEEDED - RATE - ROW: May 5 32,000 /A 30" spacing
 HARVESTED - STAND: Oct 7 29,300 /A

Full-Season Test
113 - 116 Day CRM
 B2014KSNE05b

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
Ohlde	O 24-14DGV2ProRB	VT2P,DG,B	AC,P2	114	168.1	21.4	0	29.6	444	1
Mycogen	2C799	STX,B	CM,C2	114	161.1	19.6	0	29.6	433	2
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	159.9	23.0	0	29.6	416	8
Dekalb	DKC65-81RIB GC	VT2P,DG,B	AC,P2	115	158.6	20.0	0	28.9	424	4
Dekalb	DKC63-55RIB GC	VT2P,DG,B	AC,P5V	113	158.1	20.0	0	29.2	423	5
Ohlde	O 25-16VT2ProRB	VT2P,B	AC,P2	116	156.3	19.9	0	29.9	418	6
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	156.1	20.1	0	28.9	417	7
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	155.8	21.6	0	29.6	411	11
Renk	RK941SSTX	STX,B	AC,P2	114	154.5	21.6	0	29.2	407	14
LG Seeds	LG5717VT2P	VT2P	AC,P5V	116	154.3	22.2	0	29.6	404	15
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	153.9	19.8	0	29.6	412	9
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	153.7	20.9	0	30.2	408	12
Channel	213-59STXRIB GC	STX,B	AC,P5V	113	153.0	19.3	0	29.2	412	10
Ohlde	O 24-13VT2ProRB	VT2P,B	AC,P2	113	152.7	20.1	0	29.2	408	13
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	152.3	21.9	0	29.2	400	19
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	152.1	22.6	0	28.9	397	21
Golden Harvest	G14H66-GTA GC	GT,A	AVC,C5	114	150.6	20.6	0	29.2	401	18
Channel	213-40VT3PRIB GC	VT3P,B	AC,P2	113	150.6	21.4	0	29.2	398	20
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	150.0	19.2	0	29.6	404	16
Curry	733-13AM GC	AM,AQ,B	MQ,P5V,R	113	149.6	19.1	0	29.2	404	17
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	149.2	22.0	0	29.2	392	23
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114	148.1	20.1	0	28.2	396	22
Prairie Brand	1123RA	STX,B	CM,C2	113	147.2	20.6	0	28.6	392	24
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	145.0	18.8	0	28.6	392	25
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	144.4	19.8	0	29.6	387	26
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	142.2	19.2	0	29.6	383	27
Renk	RK890SSTX	STX,B	AC,P2	113	142.2	19.6	0	29.6	382	28
Mycogen	2C788	STX,B	CM,C2	114	141.8	22.1	0	28.2	372	30
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	139.3	19.7	0	29.2	374	29
Renk	RK898SSTX	STX	AC,P2	113	137.5	19.1	0	29.2	371	31
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	157.7	18.3	0	29.9	429	3

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Test Average = **148.8** 20.5 0 29.3 396
 LSD (0.10) = 16.5 1.6 ns
 LSD (0.25) = 11.5 1.1 ns
 C.V. = 8.1 5.7

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

Test Comments: This site was planted into good soil moisture and emerged very well. It received timely rains in June and early July, but went through an extended dry period late July through August. Weed control was very good. Light infestation of gray leaf spot was present. Corn ears had up to 1 inch of tip die-back and 14 to 16 kernal rows around. Corn plants stood decent at harvest but stalks were very brittle.

† 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					

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® 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	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.