

2016 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] WATHENA

Jeff Hartman, Doniphan County, KS 66090



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

PREV. CROP/HERB: Soybean / Prefix, 2,4-D
 SOIL DESCRIPTION: Haynie silt loam, moderately drained, non-irrigated
 SOIL CONDITION: No-till, moderate P, moderate K, 6.9 pH, 2.2% OM
 PEST MANAGEMENT: 2,4-D, atrazine, Acuron, glyphosate
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-76-42
 SEEDING - RATE - ROW: Apr 13 33,500 /A 30" spacing
 HARVESTED - STAND: Oct 18 29,700 /A

Early-Season Test

107 - 112 Day CRM

B2016KSNE06a

Top 30 of 36

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
Taylor	EXP C-109-13	VT2P	109	241.6	17.6	0	30.2	685	1
LG Seeds	LG5618STXRIB	STX,B	112	236.2	18.7	0	30.2	663	2
Lewis	10SS747 GC	STX,B	110	232.8	17.9	0	29.5	658	3
Ohlde	O 27-11VT2Pro	VT2P	111	232.6	18.4	0	28.9	655	4
Lewis	RD1511VT2P GC	VT2P,DG,B	111	230.8	17.9	0	29.9	653	5
AgriGold	A6441VT2RIB	VT2P,B	109	226.2	18.0	0	29.9	639	6
AgriGold	A6472VT3PRIB	VT3P,B	110	225.1	18.5	0	29.5	633	7
Taylor	8808VT2ProRIB GC	VT2P,B	108	220.4	17.4	0	30.2	626	9
LG Seeds	LG2602VT3PRIB	VT3P,B	112	220.0	18.0	0	29.2	622	12
Renk	RK815SSTX	STX	111	219.9	17.2	0	28.2	626	10
NuTech/G2 Gen	5F-308^	AM,B	108	219.8	17.6	0	30.2	623	11
Taylor	8012VT2ProDG	VT2P,DG,B	112	218.1	18.7	0	29.2	612	14
NuTech/G2 Gen	5F-811^	AM,B	111	217.6	18.2	0	29.9	614	13
Taylor	8821VT2Pro	VT2P	110	214.9	18.1	0	29.5	607	15
AgriGold	A6499STXRIB	STX,B	112	214.3	19.1	0	30.5	600	20
Mycogen	2V709 GC	STX,B	110	213.8	18.2	0	29.2	603	17
Pioneer	P1197AM GC	AM,B	111	213.1	17.5	0	29.5	605	16
Integra	6273DGVT2PRIB	VT2P,DG	112	212.6	18.0	0	29.9	601	18
Augusta	A1108VT2ProRIB	VT2P,B	108	212.5	17.9	0	29.5	601	19
LG Seeds	LG5565STXRIB	STX,B	108	212.0	17.9	0	28.9	599	21
Pioneer	P1271AM GC	AM,B	112	211.9	18.2	0	29.5	598	22
Dyna-Gro	D52VC91	VT2P	112	210.7	18.7	0	29.2	592	23
NuTech/G2 Gen	5F-510^	AM,B	110	209.9	18.2	0	29.9	592	24
Augusta	A5658GT3000	3000GT	108	209.1	18.2	0	30.5	590	25
Lewis	08SS707	STX,B	108	207.6	17.5	0	29.5	589	26
Renk	RK810SSTX	STX,B	110	205.8	17.9	0	30.5	582	28
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	205.6	17.6	0	30.2	583	27
Ohlde	O 25-09VT2ProRB	VT2P,B	109	205.1	17.8	0	29.5	580	29
Ohlde	O 24-05VT2ProRB	VT2P,B	105	205.1	18.0	0	29.5	579	30
LG Seeds	LG5554-3111	3111	108	203.0	17.8	0	29.5	574	31
Stine	R9732VT3Pro CK	VT3P,B	111	220.9	17.7	0	29.9	626	8

Adam Stuteville

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

Averages = **214.3** **18.0** **0** **29.7** **605**

LSD (0.10) = 11.0 0.3 ns

LSD (0.25) = 7.7 0.2 ns

C.V. = 3.8 Prev. years average yield, 216.3 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.90; non-GMO = \$2.90

Test Comments: *This site was planted into great soil moisture. As plants were emerging from the soil, the site received heavy rains that lowered final stand. Plants were tall and stood great at harvest. Gray leaf spot was present in the test but severity was low with little if any yield impact. Ears were girthy and filled with kernels out to the ends. Excellent weed control.*

† 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: 10/19/2016 Revised:

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 Applied N-P-K (units): 190-76-42
 SEEDING - RATE - ROW: Apr 13 33,500 /A 30" spacing
 HARVESTED - STAND: Oct 18 29,700 /A

Full-Season Test
113 - 116 Day CRM
 B2016KSNE06b

Top 30 of 36

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
LG Seeds	LG5643STX	STX	114	234.0	18.0	0	30.2	661	1
LG Seeds	LG5663VT2PRIB	VT2P,B	115	232.4	18.6	0	30.2	653	2
LG Seeds	LG5650STX	STX	114	231.8	19.0	0	30.2	649	4
Ohlde	O 27-16VT2Pro	VT2P	116	230.4	18.0	0	30.5	651	3
Renk	RK924DGV2P	VT2P,DG,B	114	227.0	18.3	0	30.2	640	5
AgriGold	A6572STX	STX	114	227.0	18.5	0	29.5	638	6
Taylor	8835VT2Pro	VT2P	114	224.6	19.0	0	28.5	629	9
Integra	6474DGV2PRIB	VT2P,DG,B	114	223.9	18.4	0	29.5	630	7
Pioneer	P1479AM GC	AM,B	114	223.4	18.2	0	28.5	630	8
Lewis	14DP857	VT2P,B	114	223.4	18.7	0	30.5	627	12
Renk	RK961SSTX	STX	116	222.9	18.2	0	30.2	629	10
Lewis	RD114VT2P	VT2P,DG,B	114	222.6	17.9	0	29.9	629	11
Lewis	16DP887 GC	VT2P,B	116	218.2	18.5	0	30.2	614	14
NuTech/G2 Gen	5F-515^	AM,B	115	214.3	17.9	0	29.5	606	15
Dyna-Gro	D54VC52	VT2P	114	211.3	18.9	0	30.2	592	19
AgriGold	A6619VT2RIBD1	VT2P,DG,B	114	210.8	17.9	0	29.5	596	16
AgriGold	A6652VT2Pro	VT2P	116	210.4	18.2	0	29.2	593	17
NuTech/G2 Gen	5F-713^	AM,B	113	209.6	17.9	0	29.2	593	18
Augusta	A5664GT3000	3000GT	114	209.3	18.4	0	29.5	589	20
Renk	RK935SSTX	STX,B	114	208.1	17.9	0	28.9	588	21
Taylor	EXP C-115-13	VT2P	115	207.4	18.4	0	29.2	584	23
Ohlde	O 27-17VT2Pro	VT2P	117	207.2	17.9	0	29.5	586	22
Ohlde	O 26-15VT2ProRB	VT2P,B	115	205.4	18.8	0	29.9	576	25
Ohlde	O 26-13DGV2Pro	VT2P,DG	113	204.8	17.5	0	29.5	581	24
Renk	RK941SSTX	STX,B	114	203.6	18.4	0	29.2	573	26
Mycogen	2C799 GC	STX,B	113	202.6	18.2	0	29.5	571	27
Taylor	8070VT2ProDG GC	VT2P,DG	112	201.6	17.7	0	29.9	571	28
Taylor	EXP A-113-13	VT2P	113	200.4	17.3	0	30.2	570	29
Mycogen	MY13K77RA GC	STX,B	113	200.1	17.6	0	28.5	567	30
NuTech/G2 Gen	5F-015^	AM,B	115	198.9	18.2	0	29.2	561	31
Stine	R9732VT3Pro CK	VT3P,B	111	219.7	18.3	0	29.2	619	13

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Averages = **212.4** **18.2** **0** **29.7** **599**

LSD (0.10) = 9.6 0.4 ns

LSD (0.25) = 6.7 0.3 ns

C.V. = 3.3 Prev. years average yield, 216.3 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.90; non-GMO = \$2.90

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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	A6441VT2RIB	VT2P,B	AC,P5V	109					
AgriGold	A6472VT3PRIB	VT3P,B	AC,P5V	110					
AgriGold	A6499STXRIB	STX,B	AC,P5V	112					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A5062GT3110	3110	AVC,C5	112					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Integra	6011VT2PRIB	VT2P	AC,P5V	110					
Integra	6273DGV2PRIB	VT2P,DG	AC,P5V	112					
Lewis	08SS707	STX,B	AC,P5V	108					
Lewis	10SS747 GC	STX,B	AC,P5V	110					
Lewis	RD1511VT2P GC	VT2P,DG,B	AC,P5V	111					
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG5554-3111	3111	AVC,C5,Vi	108					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2V709 GC	STX,B	CM,C2	110					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5F-811^	AM,B	MQ,P5V,R	111					
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	105					
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109					
Ohlde	O 26-10VT2ProRB	VT2P,B	AC,P2	110					
Ohlde	O 27-11VT2Pro	VT2P	AC,P2	111					
Pioneer	P1197AM GC	AM,B	MQ,C2,R	111					
Pioneer	P1271AM GC	AM,B	MQ,C2,Lu	112					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Renk	RK815SSTX	STX	AC,P5V	111					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Stine	R9732VT3Pro CK	VT3P,B	AC,P2	111					
Taylor	8012VT2ProDG	VT2P,DG,B	AC,P2	112					
Taylor	8808VT2ProRIB GC	VT2P,B	CM,C2	108					
Taylor	8821VT2Pro	VT2P	AC,P2	110					
Taylor	EXP C-109-13	VT2P	AC,P2	109					

2016 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	A6572STX	STX	AC,P5V	114					
AgriGold	A6619VT2RIBD1	VT2P,DG,B	AC,P5V	114					
AgriGold	A6652VT2Pro	VT2P	AC,P5V	116					
Augusta	A5664GT3000	3000GT	CM,C1	114					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Golden Harvest	G16K01-3122EZ GC	3122,B	AVC,C5,Vi	116					
Integra	6474DGV2PRIB	VT2P,DG,B	AC,P2	114					
Integra	9678VT3PRORIB	VT3P,B	AC,P5V	117					
Lewis	14DP857	VT2P,B	AC,P5V	114					
Lewis	16DP887 GC	VT2P,B	AC,P5V	116					
Lewis	RD114VT2P	VT2P,DG,B	AC,P5V	114					
LG Seeds	LG5643STX	STX	AC,P5V	114					
LG Seeds	LG5650STX	STX	AC,P5V	114					
LG Seeds	LG5663VT2PRIB	VT2P,B	AC,P5V	115					
Mycogen	2C788 GC	STX,B	CM,C5,Vi,In	114					
Mycogen	2C799 GC	STX,B	CM,C2	113					
Mycogen	MY13K77RA GC	STX,B	CM,C5,Vi,In	113					
NuTech/G2 Gen	5F-015^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V,R	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
Ohlde	O 26-13DGV2Pro	VT2P,DG	AC,P2	113					
Ohlde	O 26-15VT2ProRB	VT2P,B	AC,P2	115					
Ohlde	O 27-16VT2Pro	VT2P	AC,P2	116					
Ohlde	O 27-17VT2Pro	VT2P	AC,P2	117					
Pioneer	P1479AM GC	AM,B	MQ,C2,R	114					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961SSTX	STX	AC,P5V	116					
Stine	R9732VT3Pro CK	VT3P,B	AC,P2	111					
Stine	R9741VT3Pro	VT3P,B	AC,P2	112					
Taylor	8070VT2ProDG GC	VT2P,DG	AC,P2	112					
Taylor	8835VT2Pro	VT2P	AC,P2	114					
Taylor	EXP A-113-13	VT2P	AC,P2	113					
Taylor	EXP C-115-13	VT2P	AC,P2	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
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)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	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®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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