

2018 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] WATHENA
 Jeff Hartman, Doniphan County, KS 66090



PREV. CROP/HERB: Soybean / Liberty, Dual
 SOIL DESCRIPTION: Haynie silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: No-till, high P, medium K, 5.5 pH, 3.9% OM, 17.4 CEC
 PEST MANAGEMENT: Lexar, glyphosate, 2,4-D
 FERTILITY - Applied N: 180 Spring
 Applied N-P-K (units): 180-70-70
 SEEDED - RATE - ROW: Apr 23 33,000 /A 30" spacing
 HARVESTED - STAND: n/a

Early-Season Test
107 - 112 Day CRM
 B2018KSNE05a

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
Test abandoned due to severe drought stress									

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

Averages =
 LSD (0.10) =
 LSD (0.25) =
 C.V. =

Prev. years average yield, 217.8 bu/a, 4 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: *The tests were planted into a clean seedbed, April brought below normal temperatures. May, June and July were very dry and warm. Growing season rainfall was 11 inches below normal. These conditions hurt ear development and kernel fill. All ears had severe tip die-back. Many ears would have passed right through the corn head. Most hybrids were standing decent, but stalks were weak.*

† 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

Additional reports available at www.firstseedtests.com

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/24/2018 Revised:

2018 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] WATHENA

Jeff Hartman, Doniphan County, KS 66090



PREV. CROP/HERB: Soybean / Liberty, Dual
 SOIL DESCRIPTION: Haynie silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: No-till, high P, medium K, 5.5 pH, 3.9% OM, 17.4 CEC
 PEST MANAGEMENT: Lexar, glyphosate, 2,4-D
 FERTILITY - Applied N: 180 Spring
 Applied N-P-K (units): 180-70-70
 SEEDED - RATE - ROW: Apr 23 33,000 /A 30" spacing
 HARVESTED - STAND: n/a

Full-Season Test
113 - 116 Day CRM
 B2018KSNE05b

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
Test abandoned due to severe drought stress									

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

Averages =
 LSD (0.10) =
 LSD (0.25) =
 C.V. =

Prev. years average yield, 217.8 bu/a, 4 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: *The tests were planted into a clean seedbed, April brought below normal temperatures. May, June and July were very dry and warm. Growing season rainfall was 11 inches below normal. These conditions hurt ear development and kernel fill. All ears had severe tip die-back. Many ears would have passed right through the corn head. Most hybrids were standing decent, but stalks were weak.*

† 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

Additional reports available at www.firstseedtests.com

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/24/2018 Revised:

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.