

Test by: Agri Seed Research, LLC Louisburg, KS

2020 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] STILWELL, KS
Bruce Betts, Johnson County, KS 64742

Early-Season Test	107 - 112 Day CRM B2020KSNE02a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Prefix, Authority
SOIL DESCRIPTION:	Grundy silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, low P, low K, 7.6 pH, 2.7% OM, 26.2 CEC
PEST MANAGEMENT:	Lexar, Atrazine, Dicamba, Glyphosate
FERTILITY - Applied N:	150 Spring, 15 Sidedress
Applied N-P-K (units):	165-55-60
SEEDED - RATE - ROW:	May 5 29.2 /A 30" spacing
HARVESTED - STAND:	Oct 18 28.2 /A

TEST COMMENTS:

This site was planted into a clean seedbed, then damp cool weather in May slowed emergence. June was hot and dry, some much-needed showers fell in July. Plants were on the shorter side at harvest but were standing well. Ear tip back was seen on most hybrids, some worse than others. Weed control was great.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
MIDLAND GENETICS	429PR RIB	VT2P,B	110	179.7	14.5	0	28.2	593	1
NC-Plus	NC 11-15 VT2PRIB GC	VT2P,B	111	179.2	15.1	0	28.2	591	2
AUGUSTA	1059	3110	109	178.4	14.7	0	28.9	589	3
MIDLAND GENETICS	570PR RIB	VT2P,B	112	176.3	14.2	0	27.6	582	4
PIONEER	P1138AML GC	AML,B	111	175.3	14.8	0	27.6	578	5
RENK	RK805VT2P	VT2P	110	174.2	14.5	0	28.6	575	6
LEWIS	07DT081	TRE,B	107	172.1	14.6	0	28.6	568	7
INTEGRA	6061 VT2PRIB	VT2P	110	172.1	15.1	0	28.6	567	8
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	170.2	15.0	0	28.6	562	9
HOEGEMEYER	7955AML	AML,B	109	170.0	14.7	0	27.9	561	10
RENK	RK807SSTXRIB	STX,B	111	167.9	14.2	0	27.9	554	11
PIONEER	P0622AML GC	AML,B	106	167.9	15.0	0	29.2	554	12
NC-Plus	NC 12-48 DGVT2P GC	VT2PDG,B	112	167.6	14.7	0	27.9	553	13
LEWIS	12DT371	TRE,B	112	165.9	14.8	0	27.2	547	14
DEKALB	DKC62-53RIB GC	VT2P,B	112	165.5	14.0	0	27.9	546	15
LEWIS	08DP739	VT2P,B	108	165.3	14.7	0	28.6	545	16
INTEGRA	6284 VT2PRIB	VT2P,B	112	165.0	14.1	0	28.2	544	18
LEWIS	09DD740	VT2PDG,B	109	164.4	14.5	0	28.2	543	19
GOLDEN HARVEST	G04G36-3111A	3111A	104	164.2	14.8	0	28.2	542	20
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	163.7	14.3	0	29.2	540	21
NK BRAND	NK1188-5122-EZR	5122,B	111	162.4	14.1	0	28.6	536	22
INTEGRA	5719 VT2PRIB	VT2P,B	107	161.8	14.5	0	28.2	534	23
RENK	RK866DGVT2P	VT2PDG	112	161.1	15.0	0	27.6	532	24
LEWIS	10DP719	VT2P,B	110	159.1	14.3	0	27.2	525	25
MIDLAND GENETICS	430PR RIB	VT2P,B	110	157.5	14.5	0	27.9	520	26
RENK	RK882SSTX	STX	111	154.1	14.6	0	28.6	509	27
HOEGEMEYER	8233AM	AM,AQ,B	112	153.2	14.5	0	28.9	506	28
INTEGRA	6181 3010A	3010A	111	145.5	14.6	0	28.2	480	29
NK BRAND	NK1082-3330A-EZR	3330A,B	110	144.9	15.3	0	28.2	477	30
PIONEER	P1244AM CK	AM,AQ,B	112	165.0	14.6	0	28.2	544	17

Adam Stuteville

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

Averages = **165.7** **14.6** **0** **28.2** **547**

LSD (0.10) = 11.1 0.3 ns

LSD (0.25) = 5.8 0.2 ns

C.V. = 6.3

Historic yield: 180.6 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.30

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Kansas Northeast [KSNE] STILWELL, KS
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Full-Season Test	113 - 117 Day CRM B2020KSNE02b
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Prefix, Authority
SOIL DESCRIPTION:	Grundy silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, low P, low K, 7.6 pH, 2.7% OM, 26.2 CEC
PEST MANAGEMENT:	Lexar, Atrazine, Dicamba, Glyphosate
FERTILITY - Applied N:	150 Spring, 15 Sidedress
Applied N-P-K (units):	165-55-60
SEEDED - RATE - ROW:	May 5 29.2 /A 30" spacing
HARVESTED - STAND:	Oct 18 27.9 /A

TEST COMMENTS:

This site was planted into a clean seedbed, then damp cool weather in May slowed emergence. June was hot and dry, some much-needed showers fell in July. Plants were on the shorter side at harvest but were standing well. Ear tip back was seen on most hybrids, some worse than others. Weed control was great.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	15DP899	VT2P,B	115	169.3	14.8	0	27.9	559	1
RENK	RK965VT2P	VT2P,B	116	167.8	15.1	0	28.9	553	2
NC-Plus	NC 14-64 VT2PRIB GC	VT2P,B	114	165.6	15.2	0	27.2	546	4
DEKALB	DKC66-18RIB GC	VT2P,B	116	164.6	14.7	0	27.6	543	5
INTEGRA	6410 VT2PRIB	VT2P,B	114	162.2	15.2	0	28.6	534	6
LEWIS	15DT890	TRE,B	115	160.5	15.0	0	27.6	530	7
MIDLAND GENETICS	656PR RIB	VT2P,B	113	159.0	15.0	0	28.2	525	8
DEKALB	DKC63-57RIB GC	VT2P,B	113	159.0	15.1	0	27.6	524	9
HOEGEMEYER	8750AML	AML,B	117	158.6	14.9	0	28.6	523	10
NK BRAND	NK1354-3220-EZR	3220,B	113	157.9	14.8	0	27.9	521	11
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	154.2	15.1	0	28.9	508	12
PIONEER	P1548AM GC	AM,AQ,B	115	154.0	14.7	0	28.6	508	13
LEWIS	16DP887	VT2P,B	116	153.4	15.0	0	27.9	506	14
LEWIS	16DP850	VT2P,B	116	152.8	15.0	0	27.2	504	15
MIDLAND GENETICS	770PR DG RIB	VT2PDG,B	115	152.6	14.8	0	27.9	504	16
INTEGRA	6533 VT2PRIB	VT2P,B	115	152.4	14.9	0	27.6	503	17
RENK	RK945SSTX	STX,B	115	152.0	15.1	0	28.2	501	18
HOEGEMEYER	8490AM	AM,AQ,B	114	150.6	14.8	0	27.9	497	19
RENK	RK937VT2P	VT2P,B	113	148.5	15.2	0	27.9	489	20
MIDLAND GENETICS	721PR RIB	VT2P,B	115	147.8	15.4	0	27.2	486	21
INTEGRA	6695 VT2PRIB	VT2P	116	147.8	15.4	0	27.6	486	22
DYNA-GRO	D54VC34	VT2P	114	146.4	15.3	0	27.6	482	23
NK BRAND	NK1523-3220-EZR	3220,B	115	142.8	15.1	0	27.2	471	24
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	142.8	15.3	0	27.6	470	25
NC-Plus	NC 15-49 VT2PDG GC	VT2PDG,B	115	142.3	15.3	0	27.6	469	26
AUGUSTA	5065	3111	115	142.0	15.6	0	27.6	466	27
INTEGRA	6588 VT2PRIB	VT2P,B	115	139.9	15.2	0	28.6	461	28
RENK	RK945DGV2P	VT2PDG,B	115	131.2	15.3	0	28.6	432	29
LEWIS	14DD849	VT2PDG,B	114	128.6	15.7	0	27.9	422	30
PIONEER	P1244AM CK	AM,AQ,B	112	167.1	15.8	0	28.2	548	3



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Averages = **152.4** **15.1** **0** **27.9** **502**

LSD (0.10) = 10.3 0.4 ns

LSD (0.25) = 5.4 0.2 ns

C.V. = 6.4

Historic yield: 180.6 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.30

2020 Corn - Kansas Northeast [KSNE]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1059	3110	109	AVC,C5
DEKALB	DKC62-53RIB GC	VT2P,B	112	NA
GOLDEN HARVEST	G04G36-3111A	3111A	104	AVC,C2,Vi
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	AVC,C5,Vi
HOEGEMEYER	7955AML	AML,B	109	Lum,P5V
HOEGEMEYER	8233AM	AM,AQ,B	112	Lum,P1V
INTEGRA	5719 VT2PRIB	VT2P,B	107	AC,P2,St,SU
INTEGRA	6061 VT2PRIB	VT2P	110	AC,P5,St,SU
INTEGRA	6181 3010A	3010A	111	CM,C2,St,SU
INTEGRA	6284 VT2PRIB	VT2P,B	112	AC,P2,St,SU
LEWIS	07DT081	TRE,B	107	NA
LEWIS	08DP739	VT2P,B	108	NA
LEWIS	09DD740	VT2PDG,B	109	NA
LEWIS	10DP719	VT2P,B	110	NA
LEWIS	12DT371	TRE,B	112	NA
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	CM,C2,Vi
MIDLAND GENETICS	429PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	430PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	570PR RIB	VT2P,B	112	AC
NC-Plus	NC 11-15 VT2PRIB GC	VT2P,B	111	NA
NC-Plus	NC 12-48 DGVT2P GC	VT2PDG,B	112	NA
NK BRAND	NK1082-3330A-EZR	3330A,B	110	AVC,C5,Vi
NK BRAND	NK1188-5122-EZR	5122,B	111	AVC,C5,Vi
PIONEER	P0622AML GC	AML,B	106	NA
PIONEER	P1138AML GC	AML,B	111	NA
PIONEER	P1244AM CK	AM,AQ,B	112	NA
RENK	RK805VT2P	VT2P	110	AC,P2
RENK	RK807SSTXRIB	STX,B	111	AC,P5V
RENK	RK866DGVT2P	VT2PDG	112	AC,P2
RENK	RK882SSTX	STX	111	AC,P5V

2020 Corn - Kansas Northeast [KSNE]

Full-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	5065	3111	115	CM,C2
DEKALB	DKC63-57RIB GC	VT2P,B	113	NA
DEKALB	DKC66-18RIB GC	VT2P,B	116	NA
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
HOEGEMEYER	8490AM	AM,AQ,B	114	Lum,P5V
HOEGEMEYER	8750AML	AML,B	117	Lum,P5V
INTEGRA	6410 VT2PRIB	VT2P,B	114	AC,P5V,St,SU
INTEGRA	6533 VT2PRIB	VT2P,B	115	AC,P5V,St,SU
INTEGRA	6588 VT2PRIB	VT2P,B	115	AC,P2V,St,SU
INTEGRA	6695 VT2PRIB	VT2P	116	AC,P5V,St,SU
LEWIS	14DD849	VT2PDG,B	114	NA
LEWIS	15DP899	VT2P,B	115	NA
LEWIS	15DT890	TRE,B	115	NA
LEWIS	16DP850	VT2P,B	116	NA
LEWIS	16DP887	VT2P,B	116	NA
MIDLAND GENETICS	656PR RIB	VT2P,B	113	AC
MIDLAND GENETICS	721PR RIB	VT2P,B	115	AC
MIDLAND GENETICS	770PR DG RIB	VT2PDG,B	115	AC
NC-Plus	NC 14-64 VT2PRIB GC	VT2P,B	114	NA
NC-Plus	NC 15-49 VT2PDG GC	VT2PDG,B	115	NA
NK BRAND	NK1354-3220-EZR	3220,B	113	AVC,C5,Vi
NK BRAND	NK1523-3220-EZR	3220,B	115	AVC,C5,Vi
PIONEER	P1244AM CK	AM,AQ,B	112	NA
PIONEER	P1548AM GC	AM,AQ,B	115	NA
RENK	RK937VT2P	VT2P,B	113	AC,P2
RENK	RK945DGV2P	VT2PDG,B	115	AC,P2
RENK	RK945SSTX	STX,B	115	AC,P5V
RENK	RK965VT2P	VT2P,B	116	AC,P2

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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*

3010A Agrisure® Artesian® 3010 (CB,LL,GT)
 3110 Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
 3111 Agrisure® Viptera® 3111
 3111A Agrisure® Artesian® Viptera® 3111
 (Vip,CB,RW,LL,GT)
 3220 Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
 3220A Agrisure® Artesian® Viptera® 3220
 (Vip,CB,HX,LL,GT)
 3330 Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
 3330A Agrisure® Artesian® Viptera® 3330 (Vip,CB,LL,GT)
 5122 Agrisure® Duracade™ 5122
 AM Optimum® AcreMax®
 AML Optimum® AcreMax® Leptra®
 (Vip,YGCB,HX,LL,RR2)
 AQ Optimum® AQUAmax®
 B Blend, Refuge in a Bag (RIB) or EZ-Refuge
 STX SmartStax®
 TRE Genuity® Trecepta™
 VT2P Genuity® VT Double PRO®
 VT2PDG Genuity® VT Double PRO® DroughtGard®

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

Corn Seed Treatments**

NA	Not Available
AC	Acceleron®, unspecified
AC,P2	Acceleron, Poncho 250
AC,P2,St,SU	Acceleron 250, Stamina, StepUp
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp
AC,P5,St,SU	Acceleron Poncho 500, Stamina, StepUp
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2	CruiserMaxx 250
CM,C2,St,SU	CruiserMaxx 250, Stamina, StepUp
CM,C2,Vi	CruiserMaxx 250 with Vibrance
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo

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