

Test by: Agri Seed Research, LLC Louisburg, KS

## 2020 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BALDWIN CITY, KS

Luke Ulrich, Douglas County, KS 66006

<b>Early-Season Test</b>	107 - 112 Day CRM B2020KSNE04a
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Fomesafen, Dual, Authority
<b>SOIL DESCRIPTION:</b>	Martin silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, low P, low K, 7.0 pH, 2.7% OM, 21.6 CEC
<b>PEST MANAGEMENT:</b>	2,4-D, Glyphosate, Atrazine, Mesotione
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-40-40
<b>SEEDED - RATE - ROW:</b>	May 18 29.2 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 27.7 /A

### TEST COMMENTS:

*This site was planted into a clean, damp seedbed. Cool weather after planting slowed emergence and slightly lowered stand count numbers. June brought warm, dry weather, and corn was starting to show drought stress in late June. July and early August saw a few timely rain showers. Corn was standing well at harvest and had very little disease pressure. Ear tip-back was seen on most hybrids, some worse than others. Great weed control.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AUGUSTA	1059	3110	109	<b>148.2</b>	15.7	1	28.2	486	1
LEWIS	08DP739	VT2P,B	108	<b>147.0</b>	15.6	0	27.6	483	2
PIONEER	P1138AML GC	AML,B	111	<b>146.3</b>	15.6	0	27.9	481	3
LEWIS	12DT371	TRE,B	112	<b>145.1</b>	15.7	0	27.6	476	4
HOEGEMEYER	7955AML	AML,B	109	<b>144.5</b>	15.8	1	27.6	474	5
GOLDEN HARVEST	G04G36-3111A	3111A	104	<b>143.9</b>	15.7	1	27.6	472	6
NC-Plus	NC 11-15 VT2PRIB GC	VT2P,B	111	<b>141.3</b>	15.7	0	27.2	464	7
MIDLAND GENETICS	429PR RIB	VT2P,B	110	<b>141.0</b>	15.8	1	27.9	462	8
NK BRAND	NK1188-5122-EZR	5122,B	111	<b>138.4</b>	15.5	0	27.6	455	9
NC-Plus	NC 12-48 DGVT2P GC	VT2PDG,B	112	<b>138.3</b>	15.8	1	27.6	454	10
MIDLAND GENETICS	430PR RIB	VT2P,B	110	<b>135.7</b>	15.5	0	27.2	446	12
DEKALB	DKC62-53RIB GC	VT2P,B	112	<b>135.2</b>	15.3	0	27.2	445	13
RENK	RK882SSTX	STX	111	<b>134.7</b>	15.2	0	27.6	444	14
LEWIS	07DT081	TRE,B	107	<b>134.3</b>	15.7	0	27.6	441	15
NK BRAND	NK1082-3330A-EZR	3330A,B	110	132.0	15.8	0	27.9	433	16
MIDLAND GENETICS	570PR RIB	VT2P,B	112	130.5	15.2	0	27.9	430	17
RENK	RK807SSTXRIB	STX,B	111	127.8	15.3	0	27.9	421	18
INTEGRA	5719 VT2PRIB	VT2P,B	107	125.3	15.7	0	27.6	411	19
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	122.0	15.5	0	28.2	401	20
LEWIS	10DP719	VT2P,B	110	119.8	15.4	0	27.6	394	21
PIONEER	P0622AML GC	AML,B	106	119.3	15.4	0	28.6	392	22
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	114.1	15.1	0	27.6	376	23
LEWIS	09DD740	VT2PDG,B	109	111.4	15.3	0	27.6	367	24
INTEGRA	6284 VT2PRIB	VT2P,B	112	105.2	15.5	0	27.2	346	25
RENK	RK805VT2P	VT2P	110	104.1	15.1	0	27.9	343	26
RENK	RK866DGV2P	VT2PDG	112	103.5	14.9	0	27.2	342	27
HOEGEMEYER	8233AM	AM,AQ,B	112	101.6	15.0	0	28.2	335	28
INTEGRA	6061 VT2PRIB	VT2P	110	98.8	15.1	0	26.9	326	29
INTEGRA	6181 3010A	3010A	111	89.5	15.8	0	27.6	294	30
PIONEER	P1244AM CK	AM,AQ,B	112	136.3	15.8	0	27.9	447	11



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Averages = **127.2** **15.5** **0** **27.7** **418**

LSD (0.10) = 5.7 0.2 ns

LSD (0.25) = 3.0 0.1 ns

C.V. = 4.2

Historic yield: 160.9 bu/a, 3 yr(s)

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

Report Date: 10/21/2020

† 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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## 2020 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] BALDWIN CITY, KS

Luke Ulrich, Douglas County, KS 66006

<b>Full-Season Test</b>	113 - 117 Day CRM B2020KSNE04b
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Fomesafen, Dual, Authority
<b>SOIL DESCRIPTION:</b>	Martin silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, low P, low K, 7.0 pH, 2.7% OM, 21.6 CEC
<b>PEST MANAGEMENT:</b>	2,4-D, Glyphosate, Atrazine, Mesotione
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-40-40
<b>SEEDED - RATE - ROW:</b>	May 18 29.2 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 27.3 /A

### TEST COMMENTS:

*This site was planted into a clean, damp seedbed. Cool weather after planting slowed emergence and slightly lowered stand count numbers. June brought warm, dry weather, and corn was starting to show drought stress in late June. July and early August saw a few timely rain showers. Corn was standing well at harvest and had very little disease pressure. Ear tip-back was seen on most hybrids, some worse than others. Great weed control.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK945SSTX	STX,B	115	<b>154.9</b>	15.2	0	27.6	510	1
AUGUSTA	5065	3111	115	<b>151.6</b>	15.6	1	27.2	498	2
RENK	RK965VT2P	VT2P,B	116	<b>150.0</b>	16.2	0	27.2	490	3
LEWIS	14DD849	VT2PDG,B	114	<b>149.1</b>	16.0	1	27.6	488	4
DEKALB	DKC66-18RIB GC	VT2P,B	116	<b>147.5</b>	15.5	1	27.6	485	5
INTEGRA	6588 VT2PRIB	VT2P,B	115	<b>147.0</b>	15.8	1	27.9	482	6
HOEGEMEYER	8750AML	AML,B	117	<b>145.0</b>	15.6	2	27.6	476	7
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	<b>144.6</b>	16.0	0	27.2	473	8
INTEGRA	6695 VT2PRIB	VT2P	116	<b>144.5</b>	16.3	0	26.6	472	9
LEWIS	16DP850	VT2P,B	116	<b>142.8</b>	15.9	0	27.9	468	10
LEWIS	15DP899	VT2P,B	115	<b>142.3</b>	16.1	0	27.2	466	11
NC-Plus	NC 14-64 VT2PRIB GC	VT2P,B	114	141.5	16.5	1	27.6	462	12
DEKALB	DKC63-57RIB GC	VT2P,B	113	140.1	15.9	1	26.9	459	13
PIONEER	P1548AM GC	AM,AQ,B	115	139.7	16.4	2	26.2	456	14
DYNA-GRO	D54VC34	VT2P	114	136.9	16.0	1	27.2	448	16
RENK	RK937VT2P	VT2P,B	113	134.3	15.2	0	27.9	443	17
LEWIS	15DT890	TRE,B	115	132.6	16.0	2	27.6	434	18
MIDLAND GENETICS	770PR DG RIB	VT2PDG,B	115	132.2	15.6	0	26.6	434	19
NK BRAND	NK1354-3220-EZR	3220,B	113	131.9	15.3	0	27.6	434	20
MIDLAND GENETICS	656PR RIB	VT2P,B	113	130.2	16.1	1	27.2	426	21
NC-Plus	NC 15-49 VT2PDG GC	VT2PDG,B	115	128.2	16.4	0	27.2	419	22
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	126.4	16.0	0	26.9	414	23
HOEGEMEYER	8490AM	AM,AQ,B	114	124.8	15.9	1	27.2	409	24
MIDLAND GENETICS	721PR RIB	VT2P,B	115	121.2	16.1	1	27.9	397	25
RENK	RK945DGV2P	VT2PDG,B	115	119.1	15.6	1	27.6	391	26
INTEGRA	6533 VT2PRIB	VT2P,B	115	117.5	15.9	0	26.9	385	27
INTEGRA	6410 VT2PRIB	VT2P,B	114	115.4	15.9	0	27.6	378	28
LEWIS	16DP887	VT2P,B	116	113.6	15.2	1	27.2	374	29
NK BRAND	NK1523-3220-EZR	3220,B	115	111.3	16.2	1	26.9	364	30
PIONEER	P1244AM CK	AM,AQ,B	112	138.2	15.6	0	26.9	454	15



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Averages = **135.1** **15.9** **1** **27.3** **443**

LSD (0.10) = 7.2 0.2 ns

LSD (0.25) = 3.7 0.1 ns

C.V. = 5.0

Historic yield: 160.9 bu/a, 3 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

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<sup>^</sup> 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\*

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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\*\*

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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

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