

Test by: Agri Seed Research, LLC Louisburg, KS

## 2021 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 B2021KSNE04a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	Martin silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, high K, 6.1 pH, 4.3% OM, 18.1 CEC
<b>PEST MANAGEMENT:</b>	Dicamba, Glyphosate, Atrazine, Mesotione
<b>FERTILITY - Applied N:</b>	140 Spring
<b>Applied N-P-K (units):</b>	140-50-50
<b>SEDED - RATE - ROW:</b>	May 7 29.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 23 28.1 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed and emerged well. Late May brought an extended wet period, with 7-8 days of rainfall. Most of June was warm and dry, and early July brought some showers. Plants were standing well at harvest, and most hybrids had some tip back on the ears. Some leaf rust was present during the growing season. Good weed control.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	8822 VT2PRORIB ↗	VT2P	111	<b>154.5</b>	16.3	7	28.6	803	1
Renk	RK882TRE ↗	TRE	111	<b>152.2</b>	15.3	3	28.2	797	2
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	<b>152.0</b>	16.0	3	28.9	792	3
Midland Genetics	570PR RIB ↗	VT2P	112	<b>150.9</b>	15.9	2	28.2	787	4
Pioneer	P1289AM GC ↗	AM	112	<b>150.6</b>	16.1	4	28.9	784	5
Augusta	A4961-5122-EZ GC ↗	5122	111	<b>148.7</b>	16.1	2	28.6	774	6
Taylor	EXP C-112-22 VT2P ↗	VT2P	112	<b>147.7</b>	15.6	1	28.6	772	7
Lewis	11DT912 ↗	TRE	111	<b>147.5</b>	16.0	2	28.9	769	8
Lewis	10DP719 ↗	VT2P	110	<b>146.7</b>	15.6	4	28.2	766	9
Integra	5802 VT2PRIB ↗	VT2P	108	<b>145.9</b>	15.3	2	27.6	764	10
Midland Genetics	429PR RIB ↗	VT2P	110	<b>143.1</b>	16.0	5	28.2	746	11
Augusta	A6362-5122-EZ ↗	5122	112	<b>142.0</b>	16.1	6	28.2	739	12
Pioneer	P0995AM GC ↗	AM	109	141.4	16.0	1	27.9	737	13
Dyna-Gro	D52DC82 ↗	VT2PDG	112	140.3	15.6	2	28.2	733	14
NK Brand	NK1188-3120 EZR ↗	3120	111	135.9	15.5	2	27.6	711	15
Augusta	A1259-5222 ↗	5222	109	135.6	15.8	1	27.6	707	16
DeKalb	DKC62-89RIB GC ↗	TRE	112	135.4	16.0	2	27.9	706	17
Integra	6162 VT2PRIB ↗	VT2P	111	135.4	16.1	5	27.9	705	19
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	135.1	15.7	4	28.2	706	18
Integra	6061 TRERIB ↗	TRE	110	134.2	16.1	4	28.2	699	20
Renk	RK821SSTX ↗	STX	111	133.8	15.9	1	27.9	698	21
Midland Genetics	381VLGA EZ1 ↗	3220A	108	132.2	15.8	3	28.2	690	22
Lewis	07DT081 ↗	TRE	107	129.9	15.6	2	27.6	679	23
Taylor	9905 VT2P ↗	VT2P	105	128.0	15.4	4	28.2	670	25
Augusta	A1059-3110 ↗	3110	109	127.5	15.4	2	28.6	668	26
Hoegemeyer	8233AM ↗	AM,AQ	112	126.4	15.4	4	28.6	662	27
Augusta	A1060-3330 GC ↗	3330	110	125.2	15.9	1	27.2	653	28
Lewis	12DT302 ↗	TRE	112	125.1	15.8	2	28.6	653	29
Pioneer	P0908AML GC ↗	AML	109	124.0	15.5	3	28.6	648	30
Lewis	09DD740 ↗	VT2PDG	109	121.2	16.1	1	27.2	631	31
DeKalb	DKC60-80RIB CK	VT2P	110	128.7	15.9	3	27.9	671	24
				<b>Averages =</b>	<b>134.6</b>	<b>15.8</b>	<b>3</b>	<b>28.1</b>	<b>702</b>
				LSD (0.10) =	8.5	0.1	2		
				LSD (0.25) =	4.4	0.1	1		
				C.V. =	6.0				
				Historic yield: 154.38 bu/a, 6 yr(s)					

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$5.25

Report Date: 10/25/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Test by: Agri Seed Research, LLC Louisburg, KS

## 2021 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 B2021KSNE04b
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	Martin silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, high K, 6.1 pH, 4.3% OM, 18.1 CEC
<b>PEST MANAGEMENT:</b>	Dicamba, Glyphosate, Atrazine, Mesotione
<b>FERTILITY - Applied N:</b>	140 Spring
<b>Applied N-P-K (units):</b>	140-50-50
<b>SEEDED - RATE - ROW:</b>	May 7 29.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 23 28.0 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed and emerged well. Late May brought an extended wet period, with 7-8 days of rainfall. Most of June was warm and dry, and early July brought some showers. Plants were standing well at harvest, and most hybrids had some tip back on the ears. Some leaf rust was present during the growing season. Good weed control.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	17DP651 ↗	VT2P	117	<b>158.8</b>	17.0	2	28.9	821	1
Midland Genetics	801PR RIB ↗	VT2P	117	<b>154.7</b>	17.0	3	27.2	800	2
Golden Harvest	G17E95-3110 ↗	3110	117	<b>154.2</b>	16.8	2	27.6	798	3
Augusta	A5166-3220 GC ↗	3220	116	<b>154.1</b>	16.9	3	28.2	798	4
Lewis	13DT272 ↗	TRE	113	<b>154.1</b>	16.7	5	28.2	798	5
Augusta	A5065-3110GT ↗	3110	115	<b>153.1</b>	16.7	2	28.6	793	6
NK Brand	NK1349-3220 EZR ↗	3220	113	<b>151.3</b>	17.1	2	28.6	782	7
Hoegemeyer	8707AM ↗	AM	117	149.9	17.1	3	28.9	775	8
Hoegemeyer	8447AM ↗	AM	114	149.2	16.9	2	28.2	772	9
Midland Genetics	621PR RIB ↗	VT2P	114	148.1	16.9	1	27.6	766	11
Hoegemeyer	8371AML ↗	AML	113	148.0	16.9	3	27.9	766	12
Integra	6695 TRERIB ↗	TRE	116	147.6	15.7	2	27.6	771	10
Pioneer	P1572AM GC ↗	AM	115	145.8	16.7	4	28.6	755	13
Augusta	A1367-5222 GC ↗	5222	117	143.9	17.1	2	27.6	743	14
Dyna-Gro	D54VC34 ↗	VT2P	114	142.7	17.2	1	27.6	736	17
Renk	RK945DGV2P ↗	VT2PDG	116	142.6	17.0	5	27.6	737	16
Integra	6811 VT2PRIB ↗	VT2P	116	142.5	16.8	5	28.9	738	15
Taylor	8824 VT2PRIB ↗	VT2P	113	141.7	17.1	5	28.9	732	18
Lewis	15DP899 ↗	VT2P	115	141.6	17.2	2	28.2	731	19
Hoegemeyer	8750AML ↗	AML	117	141.2	17.2	6	26.9	729	20
Taylor	9915 VT2P ↗	VT2P	115	140.2	16.9	4	27.2	725	21
Taylor	EXP C-114-22 VT2P ↗	VT2P	114	138.3	17.2	1	27.6	714	23
Augusta	A4565-5222 GC ↗	5222	115	138.2	16.5	4	28.6	717	22
NK Brand	NK1661-3120A EZR ↗	3120A	116	138.1	17.1	4	27.9	714	24
Renk	RK907SSTX ↗	STX	115	137.7	16.8	4	27.6	713	25
Golden Harvest	G16Q82-5222A EZR ↗	5222A	116	136.8	16.9	2	28.6	708	26
Lewis	16DP850 ↗	VT2P	116	136.7	16.7	1	27.2	708	27
Integra	6555 VT2PRIB ↗	VT2P	114	136.5	17.1	2	27.9	705	28
Golden Harvest	G16K01-3111 ↗	3111	116	136.1	17.1	3	28.2	703	29
NK Brand	NK1523-3220 EZR ↗	3220	115	134.6	16.2	1	28.2	700	30
DeKalb	DKC60-80RIB CK	VT2P	110	128.1	16.1	6	28.6	667	38

Averages = **140.5** **16.9** **3** **28.0** **727**

LSD (0.10) = 10.1 0.1 ns

LSD (0.25) = 5.3 0.1 ns

C.V. = 6.8

Historic yield: 154.38 bu/a, 6 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$5.25

Report Date: 10/25/2021

† 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. ↗ New! Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

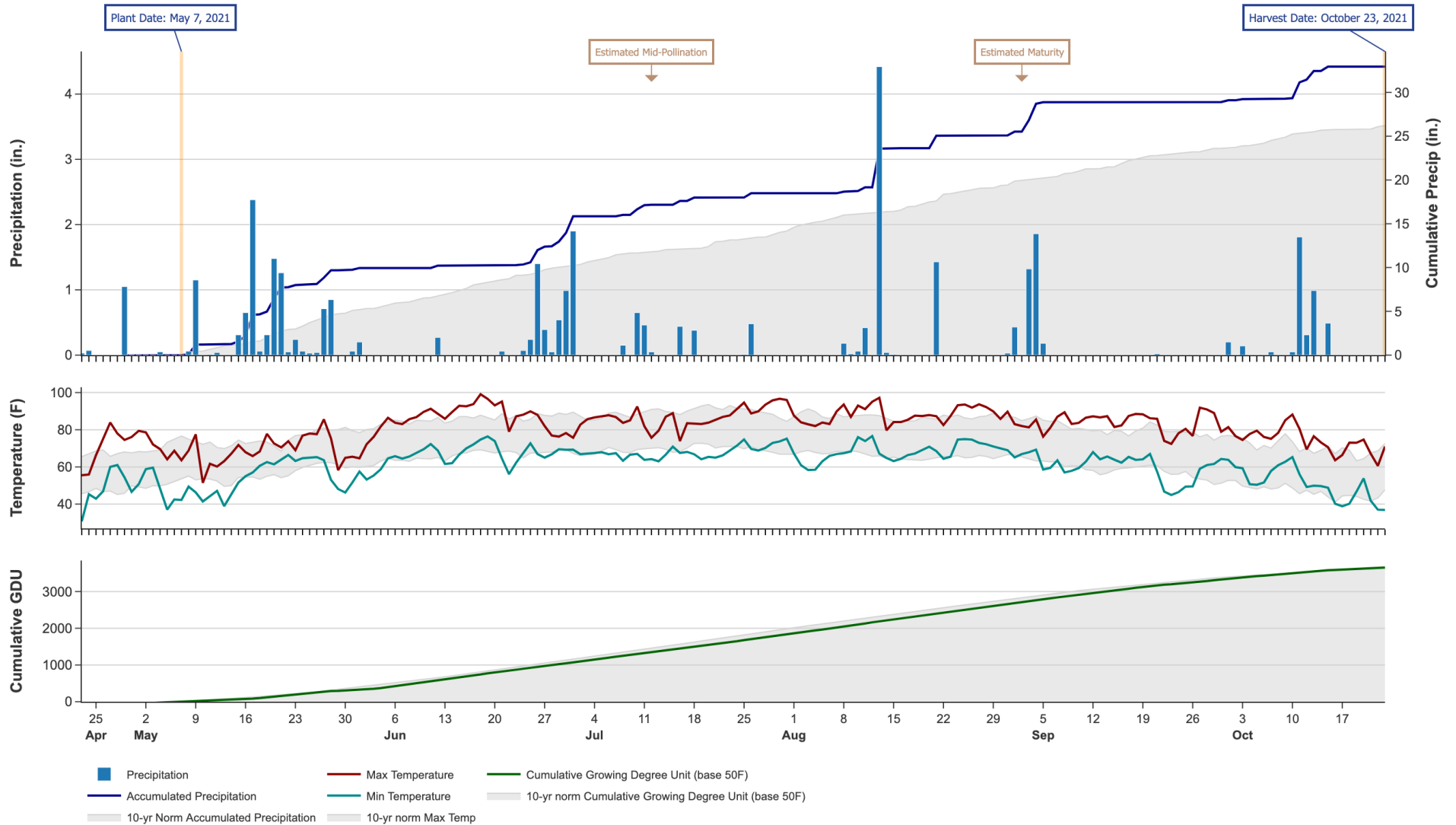
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# 2021 Corn - Kansas Northeast [ KSNE ]

## Weather Conditions Summary at BALDWIN CITY, KS

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.1   1.8 (-0.6)	9.8   6.2 (+3.6)	4.2   5.1 (-0.9)	4.5   4.0 (+0.5)	6.6   5.3 (+1.4)	3.8   4.2 (-0.4)	4.0   2.6 (+1.4)	34.1   29.1 (+5.0)
GDU   Normal (Diff)	93   69 (+23)	394   453 (-59)	735   757 (-22)	806   854 (-48)	826   803 (+22)	655   593 (+61)	321   241 (+79)	3830   3773 (+56)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2021 Corn - Kansas Northeast [ KSNE ]

### Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-3110	3110	N	109	CM,C1
Augusta	A1060-3330 GC	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Augusta	A4961-5122-EZ GC	5122	Y	111	Treated
Augusta	A6362-5122-EZ	5122	Y	112	AVC,C5
DeKalb	DKC60-80RIB CK	VT2P	Y	110	AC,P5,B360
DeKalb	DKC62-89RIB GC	TRE	Y	112	AC,P5,B360
Dyna-Gro	D52DC82	VT2PDG	N	112	AC,P5V
Golden Harvest	G10L16-3220A EZR	3220A	Y	110	AVC,C5,Vi
Hoegemeyer	8084AM	AM	Y	110	Lum
Hoegemeyer	8233AM	AM,AQ	Y	112	Lum
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P2,SU
Lewis	07DT081	TRE	Y	107	AC,P5,EDC
Lewis	09DD740	VT2PDG	Y	109	AC,P5,EDC
Lewis	10DP719	VT2P	Y	110	AC,P2,B360
Lewis	11DT912	TRE	Y	111	AC,P5,EDC
Lewis	12DT302	TRE	Y	112	AC,P5,EDC
Midland Genetics	381VLGA EZ1	3220A	Y	108	Edge-CST
Midland Genetics	429PR RIB	VT2P	Y	110	Edge-CST
Midland Genetics	570PR RIB	VT2P	Y	112	Edge-CST
Midland Genetics	660PR DG RIB	VT2PDG	Y	113	Edge-CST
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
NK Brand	NK1188-3120 EZR	3120	Y	111	AVC,C5,Vi
Pioneer	P0908AML GC	AML	Y	109	Lum
Pioneer	P0995AM GC	AM	N*	109	Lum
Pioneer	P1289AM GC	AM	Y	112	Lum
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Taylor	8822 VT2PRORIB	VT2P	Y	111	CM,C2,Vi
Taylor	9905 VT2P	VT2P	N	105	AC,P2
Taylor	EXP C-112-22 VT2P	VT2P	N	112	AC,P2
Taylor	EXP F-107 VT2P	VT2P	N	107	AC,P2

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 2021 Corn - Kansas Northeast [ KSNE ]

### Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1367-5222 GC	5222	Y	117	AVC,C2
Augusta	A4565-5222 GC	5222	Y	115	CM,C2
Augusta	A5065-3110GT	3110	N	115	CM,C2
Augusta	A5166-3220 GC	3220	N	116	AVC,C5
DeKalb	DKC60-80RIB CK	VT2P	Y	110	AC,P5,B360
DeKalb	DKC66-18RIB GC	VT2P	Y	116	AC,P5,B360
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Golden Harvest	G13D55-3220 EZR	3220	Y	113	AVC,C5,Vi
Golden Harvest	G16K01-3111	3111	N	116	AVC,C5,Vi
Golden Harvest	G16Q82-5222A EZR	5222A	Y	116	AVC,C5,Vi
Golden Harvest	G17E95-3110	3110	N	117	AVC,C5,Vi
Hoegemeyer	8371AML	AML	Y	113	Lum,P1V
Hoegemeyer	8447AM	AM	Y	114	Lum,P1V
Hoegemeyer	8707AM	AM	Y	117	Lum,P1V
Hoegemeyer	8750AML	AML	Y	117	Lum
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,EDC-B
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6555 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6695 TRERIB	TRE	Y	116	AC,P5V,SU
Integra	6811 VT2PRIB	VT2P	Y	116	AC,P5V,SU
Lewis	13DT272	TRE	Y	113	AC,P5,EDC
Lewis	15DP899	VT2P	Y	115	AC,P2,B360
Lewis	15DT512	TRE	Y	115	AC,P5,EDC
Lewis	16DP850	VT2P	Y	116	AC,P5,EDC
Lewis	17DP651	VT2P	Y	117	AC,P5,EDC
Midland Genetics	621PR RIB	VT2P	Y	114	Edge-CST
Midland Genetics	662TRE RIB	TRE	Y	113	Edge-CST
Midland Genetics	782PR RIB	VT2P	Y	115	Edge-CST
Midland Genetics	801PR RIB	VT2P	Y	117	Edge-CST
NK Brand	NK1349-3220 EZR	3220	Y	113	AVC,C5,Vi
NK Brand	NK1523-3220 EZR	3220	Y	115	AVC,C5,Vi
NK Brand	NK1661-3120A EZR	3120A	Y	116	AVC,C5,Vi
Pioneer	P1572AM GC	AM	Y	115	Lum
Renk	RK895DGV2P	VT2PDG	N	113	AC,P5V
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Renk	RK945DGV2P	VT2PDG	Y	116	AC,P2
Taylor	8824 VT2PRIB	VT2P	Y	113	CM,C2,Vi
Taylor	9915 VT2P	VT2P	N	115	CM,C2,Vi
Taylor	EXP C-114-22 VT2P	VT2P	N	114	AC,P2
Taylor	EXP C-115-22 VT2P	VT2P	N	115	AC,P2

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<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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3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3120	Agrisure® 3120 (CB,HX,LL,GT)
3120A	Agrisure® Artesian® 3120 (CB,HX,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)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AQ	Optimum® AQUAmax®
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

## Corn Seed Treatments\*

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NA	Not Available
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC- B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2	Avicta® Complete 250
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C1	CruiserMaxx® 1250
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Edge-CST	Vibrance® Cinco + Cruiser® (Midland Genetics)
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Treated	Treated seed, unspecified

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