

Test by: Agri Seed Research, LLC Louisburg, KS

2021 Corn Grain Top 30 Harvest Report

Kansas Northeast [KSNE] SPRING HILL, KS
Dan Stuteville, Johnson County, KS 66013

Early-Season Test	107 - 112 Day CRM B2021KSNE03a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Sharpen, Glyphosate, Sencor, Fomesafen
SOIL DESCRIPTION:	Grundy silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, medium K, 6.6 pH, 4.7% OM, 20.0 CEC
PEST MANAGEMENT:	2,4-D, Arazine, Glyphosate, Metolachlor,
FERTILITY - Applied N:	160 Spring
Applied N-P-K (units):	160-55-50
SEEDED - RATE - ROW:	Jun 5 29.7 /A 30" spacing
HARVESTED - STAND:	Oct 18 27.9 /A

TEST COMMENTS:

This site was planted late due to cool, wet weather. The month of May at this location had 10 consecutive days of measurable rainfall, over 12 inches of rain, delayed planting. Once planted seedlings emerged quickly and looked good at V2. The growing season brought periods of dry weather and periods of heavy rainfall. At harvest, plants were short but standing well. Ears were small, some hybrids showed signs of poor pollination. Good weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1289AM GC ↗	AM	112	113.7	16.3	0	28.2	591	1
Midland Genetics	570PR RIB ↗	VT2P	112	113.3	16.7	0	26.9	587	2
NK Brand	NK1188-3120 EZR ↗	3120	111	113.0	16.8	0	28.2	585	3
Hoegemeyer	8084AM ↗	AM	110	112.0	16.4	0	28.6	582	4
Renk	RK882TRE ↗	TRE	111	111.3	15.9	0	27.9	580	5
Augusta	A1060-3330 GC ↗	3330	110	111.1	16.3	0	27.6	577	6
Lewis	12DT302 ↗	TRE	112	109.7	16.8	0	27.6	568	8
Renk	RK826VT2P ↗	VT2P	111	109.3	16.2	0	28.2	569	7
DeKalb	DKC62-89RIB GC ↗	TRE	112	107.5	16.5	0	27.9	558	9
Lewis	10DP719 ↗	VT2P	110	107.3	16.3	0	28.6	558	10
Lewis	07DT081 ↗	TRE	107	106.0	16.2	0	27.2	551	11
Augusta	A4961-5122-EZ GC ↗	5122	111	105.8	16.1	0	27.9	551	12
Taylor	8822 VT2PRORIB ↗	VT2P	111	105.7	16.7	0	27.2	548	13
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	105.4	16.4	0	28.6	547	14
Integra	6284 VT2PRIB ↗	VT2P	112	103.3	16.5	0	28.2	536	16
Augusta	A1259-5222 ↗	5222	109	103.3	15.9	0	28.6	538	15
Taylor	EXP C-112-22 VT2P ↗	VT2P	112	103.1	16.4	0	27.9	536	17
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	101.5	16.5	0	28.6	527	18
Integra	6061 TRERIB ↗	TRE	110	101.0	16.4	0	27.2	525	20
Dyna-Gro	D52DC82 ↗	VT2PDG	112	101.0	15.7	0	26.9	527	19
Lewis	11DT912 ↗	TRE	111	100.6	15.8	0	28.2	525	21
Pioneer	P0908AML GC ↗	AML	109	100.2	16.1	0	28.2	522	23
Integra	6162 VT2PRIB ↗	VT2P	111	100.2	16.2	0	28.6	521	24
Midland Genetics	429PR RIB ↗	VT2P	110	100.0	16.8	0	28.6	518	26
Midland Genetics	381VLGA EZ1 ↗	3220A	108	100.0	16.5	0	27.9	519	25
NK Brand	NK1082-3220A EZR ↗	3220A	110	99.4	16.0	0	27.6	518	27
Pioneer	P0995AM GC ↗	AM	109	98.2	16.4	0	28.2	510	29
Lewis	09DD740 ↗	VT2PDG	109	98.1	15.8	0	28.9	512	28
Augusta	A1059-3110 ↗	3110	109	97.7	16.2	0	27.9	508	30
Taylor	9905 VT2P ↗	VT2P	105	97.2	16.7	0	27.2	504	31
DeKalb	DKC60-80RIB CK	VT2P	110	100.5	16.5	0	27.9	522	22

Adam Stuteville

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Averages = **102.5** **16.3** **27.9** **533**

LSD (0.10) = 9.2 0.3 ns

LSD (0.25) = 4.8 0.2 ns

C.V. = 8.5 Historic yield: 162.67 bu/a, 2 yr(s)

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

Report Date: 10/20/2021

† 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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Dan Stuteville, Johnson County, KS 66013

Full-Season Test	113 - 117 Day CRM B2021KSNE03b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Sharpen, Glyphosate, Sencor, Fomesafen
SOIL DESCRIPTION:	Grundy silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, medium K, 6.6 pH, 4.7% OM, 20.0 CEC
PEST MANAGEMENT:	2,4-D, Arazine, Glyphosate, Metolachlor,
FERTILITY - Applied N:	160 Spring
Applied N-P-K (units):	160-55-50
SEEDED - RATE - ROW:	Jun 5 29.7 /A 30" spacing
HARVESTED - STAND:	Oct 18 27.4 /A

TEST COMMENTS:

This site was planted late due to cool, wet weather. The month of May at this location had 10 consecutive days of measurable rainfall, over 12 inches of rain, delayed planting. Once planted seedlings emerged quickly and looked good at V2. The growing season brought periods of dry weather and periods of heavy rainfall. At harvest, plants were short but standing well. Ears were small, some hybrids showed signs of poor pollination. 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	106.2	17.1	0	28.9	548	1
Renk	RK915VT2P ↗	VT2P	115	105.6	16.9	0	27.2	546	2
Midland Genetics	621PR RIB ↗	VT2P	114	105.4	16.8	0	27.2	546	3
Taylor	9915 VT2P ↗	VT2P	115	104.7	16.5	0	27.6	543	4
Taylor	8824 VT2PRIB ↗	VT2P	113	103.7	17.3	0	26.6	535	5
Hoegemeyer	8447AM ↗	AM	114	102.8	17.3	0	27.6	530	7
Renk	RK937VT2P ↗	VT2P	113	102.0	17.1	0	27.9	527	8
Hoegemeyer	8750AML ↗	AML	117	101.1	16.9	0	27.9	523	10
Lewis	15DT512 ↗	TRE	115	101.0	16.6	0	28.6	524	9
Augusta	A4565-5222 GC ↗	5222	115	100.6	17.1	0	27.9	520	11
Midland Genetics	662TRE RIB ↗	TRE	113	100.3	17.0	0	26.9	519	12
Augusta	A1367-5222 GC ↗	5222	117	99.5	16.9	0	27.6	515	13
Golden Harvest	G17E95-3110 ↗	3110	117	99.3	17.2	0	27.6	513	14
Taylor	EXP C-115-22 VT2P ↗	VT2P	115	99.1	17.4	0	26.9	511	15
NK Brand	NK1661-3120A EZR ↗	3120A	116	98.8	17.1	0	27.6	510	16
NK Brand	NK1349-3220 EZR ↗	3220	113	98.1	17.2	0	27.6	507	17
Hoegemeyer	8707AM ↗	AM	117	96.7	16.8	0	27.2	501	18
Augusta	A5065-3110GT ↗	3110	115	96.2	17.2	0	27.6	496	19
Lewis	16DP850 ↗	VT2P	116	95.7	16.6	0	27.2	496	20
Dyna-Gro	D54VC34 ↗	VT2P	114	95.4	17.1	0	28.2	493	21
Renk	RK945DGVT2P ↗	VT2PDG	116	95.4	17.4	0	27.2	492	22
Midland Genetics	801PR RIB ↗	VT2P	117	94.8	17.1	0	26.9	490	23
Augusta	A5166-3220 GC ↗	3220	116	94.7	16.9	0	27.2	490	24
Hoegemeyer	8371AML ↗	AML	113	94.7	16.8	0	27.6	490	25
Renk	RK895DGVT2P ↗	VT2PDG	113	94.6	17.0	0	26.9	489	26
Golden Harvest	G16Q82-5222A EZR ↗	5222A	116	94.5	17.2	0	27.6	488	27
Midland Genetics	782PR RIB ↗	VT2P	115	94.4	17.0	0	28.2	488	28
Integra	6811 VT2PRIB ↗	VT2P	116	94.1	17.2	0	26.9	486	29
Integra	6342 TRERIB ↗	TRE	113	92.9	16.9	0	26.6	481	30
Pioneer	P1572AM GC ↗	AM	115	90.9	17.3	0	26.2	469	31
DeKalb	DKC60-80RIB CK	VT2P	110	102.8	16.5	0	27.9	533	6

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Averages = **95.0** **17.1** **27.4** **491**

LSD (0.10) = 8.3 0.3 ns

LSD (0.25) = 4.4 0.2 ns

C.V. = 8.3 Historic yield: 162.67 bu/a, 2 yr(s)

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

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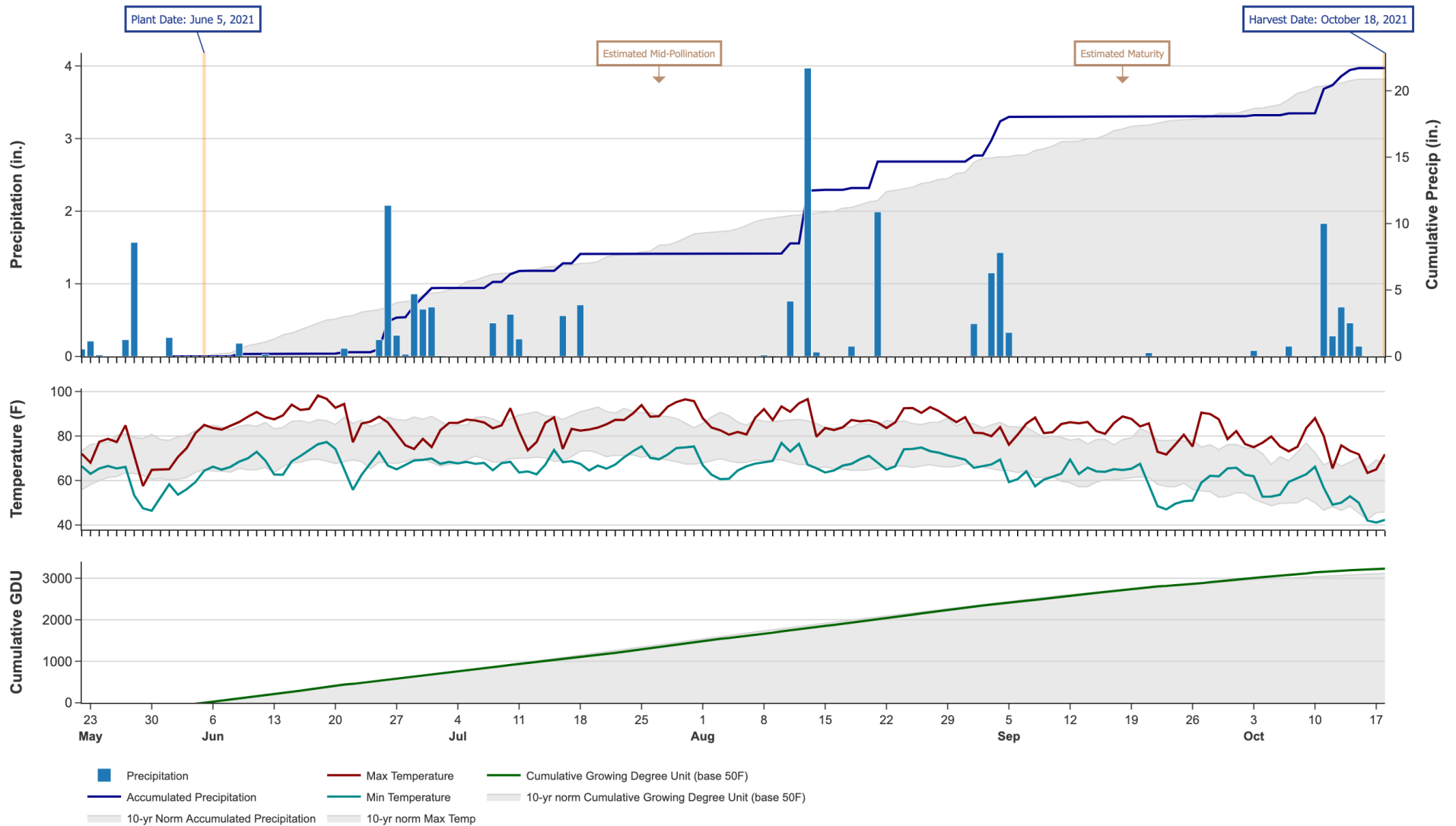
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2021 Corn - Kansas Northeast [KSNE]

Weather Conditions Summary at SPRING HILL, KS

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.1 2.5 (-0.4)	4.7 5.2 (-0.4)	3.3 4.6 (-1.4)	7.0 4.7 (+2.3)	3.4 4.4 (-1.0)	3.6 2.6 (+1.0)	24.1 24.0 (+0.1)
GDU Normal (Diff)	158 194 (-36)	736 762 (-26)	816 860 (-44)	828 814 (+13)	654 596 (+57)	279 191 (+87)	3471 3420 (+50)



* 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

[^] 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

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®

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

Corn Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.