

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2021 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] VICTOR, IA
Dan DeRycke, Poweshiek County, IA 52347

Early-Season Test	105 - 110 Day CRM B2021IAEC15a
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Boundaray, Zidua
SOIL DESCRIPTION:	Ackmor silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, medium K, 6.7 pH, 3.4% OM, 15.3 CEC
PEST MANAGEMENT:	Acuron
FERTILITY - Applied N:	150 Fall, 50 Sidedress
Applied N-P-K (units):	200-180-118
SEEDED - RATE - ROW:	May 4 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 16 33.9 /A

TEST COMMENTS:

This plot is located on nice even bottom ground. Plants emerged well, and the soil retained what moisture it received. Plants were tall and small amounts of tar spot could be seen. Ears were large and pollinated to the tips. Sturdy cobs made shelling easy, and stalks were strong and standing well.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	68A7AM ↗	AM	108	305.3	15.0	1	33.8	1633	1
Dyna-Gro	D51VC67 ↗	VT2P	110	299.1	14.6	1	33.8	1600	2
NuTech	70A8AM ↗	AM	110	295.4	16.7	1	33.8	1565	3
Augusta	A1259-5222 ↗	5222	109	294.1	16.3	1	33.8	1562	4
FS InVision	FS 5909D2A EZR ↗	5222A	109	288.7	15.4	1	33.8	1541	6
Wyffels	W5778 ↗	STX	109	287.3	15.9	1	34.8	1529	7
Kruger	K0858DP ↗	VT2P	108	285.2	14.5	1	34.8	1526	8
Renk	RK782VT2P ↗	VT2P	109	282.7	14.7	1	34.8	1512	9
NuTech	69B9Q ↗	QR	109	281.9	15.8	1	33.8	1501	11
NuTech	70F2Q ↗	QR	110	281.8	15.1	1	33.8	1507	10
Kruger	KR-4608D ↗	VT2PDG	108	277.9	15.2	1	32.9	1485	12
Kruger	K1005DP ↗	VT2P	110	277.2	14.4	1	33.8	1483	13
Augusta	A4858-5122-EZ ↗	5122	108	276.3	14.8	1	33.8	1478	14
Four Star	EXP 2201 ↗	VT2P	109	273.9	14.9	1	34.8	1465	15
FS InVision	FS 6017V RIB ↗	VT2P	110	273.8	14.6	2	34.8	1465	16
Armor	A1044 SS GC ↗	STX	110	272.8	15.3	1	33.8	1457	19
Cornelius	C7004DP ↗	VT2P	110	272.5	14.9	1	33.8	1458	17
Kruger	K0915DD ↗	VT2PDG	109	272.5	14.0	1	33.8	1458	18
NK Brand	NK0877-3220 EZR ↗	3220	108	272.1	15.6	1	34.8	1451	21
Integra	5802 VT2PRIB ↗	VT2P	108	271.7	14.4	1	34.8	1454	20
Wyffels	W5086RIB ↗	VT2P	107	271.0	14.9	1	34.8	1450	22
Renk	RK700SSTX ↗	STX	107	270.6	15.3	1	33.8	1446	23
NuTech	66C2Q ↗	QR	106	270.2	14.4	1	32.9	1446	24
Hefty	H5944 RIB ↗	STX	109	266.8	14.9	1	32.9	1427	25
Cornelius	C6812DP ↗	VT2P	108	265.1	15.3	1	33.8	1416	26
Latham	LH 6097 VT2P RIB ↗	VT2P	110	264.8	15.7	1	33.8	1411	27
Hefty	H5832 RIB ↗	VT2P	108	262.3	14.9	1	32.9	1403	28
Hefty	H5952 ↗	VT2P	109	261.5	14.3	1	33.8	1399	29
Augusta	A1060-3330 ↗	3330	110	260.9	15.7	1	33.8	1390	30
Cornelius	C6936SS ↗	STX	109	260.0	15.1	2	33.8	1390	31
Pioneer	P0953AM CK	AM	109	288.2	15.0	1	32.9	1542	5

Averages = **263.1** **14.9** **1** **33.9** **1406**

LSD (0.10) = 10.9 0.6 ns

LSD (0.25) = 5.7 0.3 ns

C.V. = 3.9

Historic yield: 223.27 bu/a, 13 yr(s)

Randy Meinsma

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.35

Report Date: 10/21/2021

† 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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2021 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] VICTOR, IA
Dan DeRycke, Poweshiek County, IA 52347

Full-Season Test	111 - 115 Day CRM B2021IAEC15b
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Boundaray, Zidua
SOIL DESCRIPTION:	Ackmor silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, medium K, 6.7 pH, 3.4% OM, 15.3 CEC
PEST MANAGEMENT:	Acuron
FERTILITY - Applied N:	150 Fall, 50 Sidedress
Applied N-P-K (units):	200-180-118
SEDED - RATE - ROW:	May 4 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 16 33.9 /A

TEST COMMENTS:

This plot is located on nice even bottom ground. Plants emerged well, and the soil retained what moisture it received. Plants were tall and small amounts of tar spot could be seen. Ears were large and pollinated to the tips. Sturdy cobs made shelling easy, and stalks were strong and standing well.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Latham	LH 6477 VT2P RIB ↗	VT2P	114	310.5	17.4	1	34.8	1639	2
NuTech	74A9AM ↗	AM	114	309.4	15.9	1	34.8	1647	1
NuTech	74B6AM ↗	AM	114	308.7	17.5	1	32.9	1628	3
Wyffels	W7876RIB ↗	VT2P	114	305.1	17.6	1	34.8	1609	4
Kruger	K1501DP ↗	VT2P	115	302.6	17.8	1	34.8	1593	5
FS InVision	FS 6595V RIB ↗	VT2P	115	300.9	17.9	1	33.8	1584	8
NuTech	71F5Q ↗	QR	111	299.7	16.5	1	32.9	1590	6
NuTech	74F3AM ↗	AM	114	299.4	16.9	1	32.9	1585	7
ProHarvest	8360 VT2PRIB ↗	VT2P	113	297.8	17.5	1	34.8	1571	10
Latham	LH 6146 TRE RIB ↗	TRE	111	296.5	15.5	1	34.8	1582	9
Midwest Genetics	MW12-48 DGVT2P GC ↗	VT2PDG	112	295.7	16.5	1	34.8	1569	12
Kruger	K1191DT ↗	TRE	111	294.2	16.2	1	34.8	1563	13
Wyffels	W6978RIB ↗	STX	111	294.1	15.3	1	34.8	1570	11
Renk	RK907SSTX ↗	STX	115	293.6	17.9	1	33.8	1545	20
Cornelius	C7308SS ↗	STX	113	292.0	16.8	1	31.9	1546	19
NK Brand	NK1188-5122 EZR ↗	5122	111	291.7	16.6	1	33.8	1547	18
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	291.5	17.2	1	33.8	1540	21
Renk	RK882TRE ↗	TRE	111	291.4	16.1	1	34.8	1550	14
Pioneer	P1222AM GC ↗	AM	112	291.4	16.1	1	33.8	1549	16
Kruger	K1313DD ↗	VT2PDG	113	291.0	15.8	1	33.8	1550	15
Latham	LH 6149 SS RIB ↗	STX	111	290.9	16.0	1	33.8	1548	17
Hefty	H6354 ↗	STX	113	290.6	17.1	1	34.8	1536	22
Dyna-Gro	D55VC80 ↗	VT2P	115	288.6	17.2	1	34.8	1525	23
Hefty	H6552 ↗	VT2P	115	287.6	18.8	1	33.8	1506	30
Four Star	EXP 2202 ↗	VT2P	111	285.8	15.9	1	34.8	1522	24
Cornelius	C7270DP ↗	VT2P	112	285.6	16.2	1	33.8	1518	26
LG Seeds	LG62C02VT2PRIB GC ↗	VT2P	112	284.9	16.9	1	33.8	1508	28
NuTech	72B7Q ↗	QR	112	284.3	16.5	1	33.8	1508	29
FS InVision	FS 6306T RIB ↗	TRE	113	283.7	15.7	1	31.9	1512	27
Titan Pro	18-12 SS ↗	STX	112	283.5	16.4	1	33.8	1505	31
Pioneer	P0953AM CK	AM	109	284.7	15.3	1	33.8	1521	25
				Averages =	283.6	16.5	1	33.9	1504
				LSD (0.10) =	9.9	0.6	ns		
				LSD (0.25) =	5.2	0.3	ns		
				C.V. =	3.3				
				Historic yield: 223.27 bu/a, 13 yr(s)					



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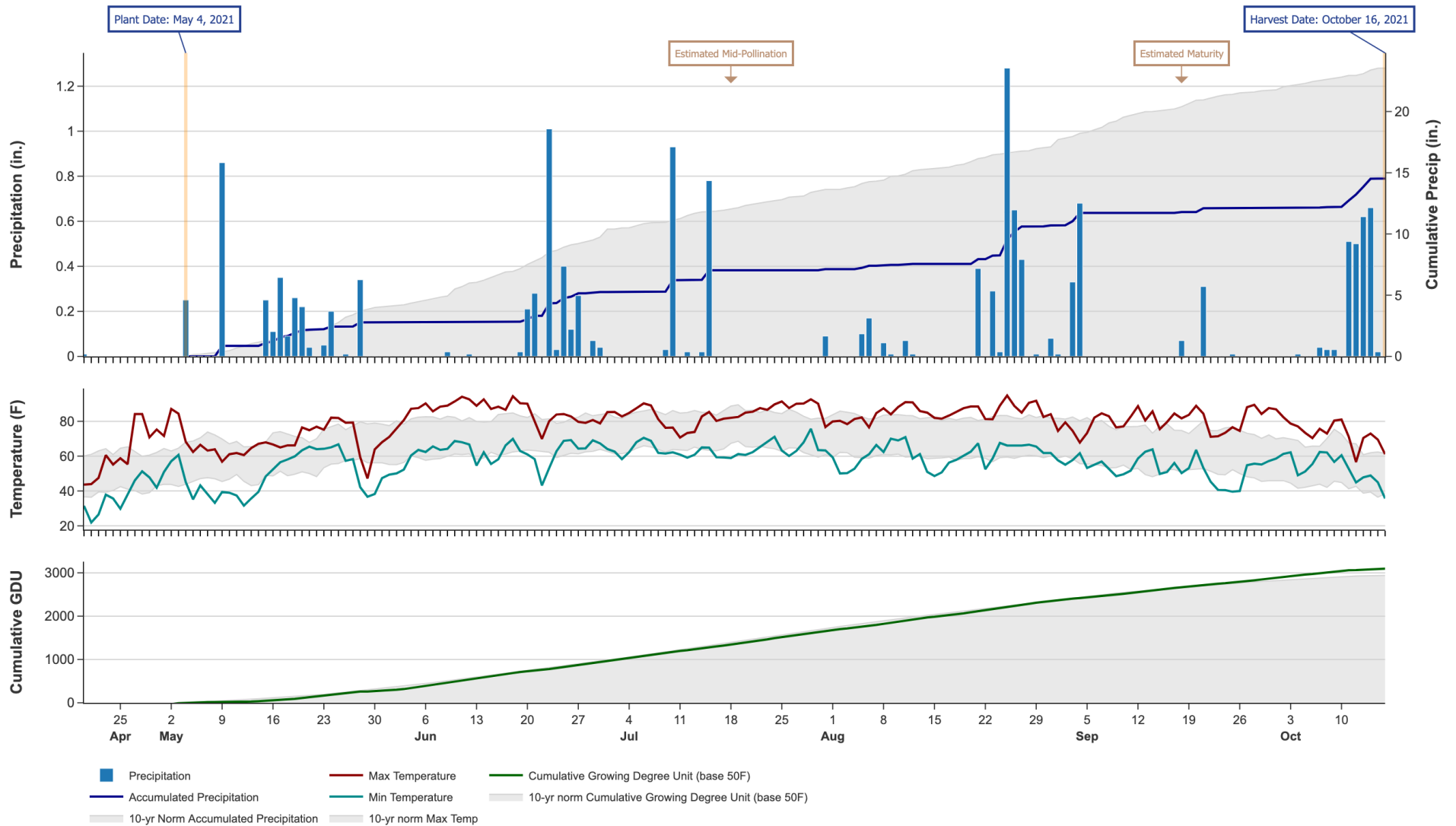
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2021 Corn - Iowa East Central [IAEC]

Weather Conditions Summary at VICTOR, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.0 1.3 (-1.3)	3.0 4.7 (-1.6)	2.5 5.7 (-3.2)	1.9 3.9 (-2.0)	3.6 3.5 (+0.1)	1.4 4.6 (-3.2)	2.4 1.8 (+0.6)	14.8 25.5 (-10.7)
GDU Normal (Diff)	58 46 (+11)	341 362 (-21)	671 633 (+37)	719 750 (-31)	688 653 (+34)	514 442 (+71)	226 126 (+99)	3217 3014 (+202)



* 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 - Iowa East Central [IAEC]

Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Armor	A1044 SS GC	STX	N*	110	Treated
Augusta	A1059-3330GT	3330	N	109	CM,C2
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Augusta	A1457-5122-EZ GC	5122	Y	107	AC,P2
Augusta	A4858-5122-EZ	5122	Y	108	CM,C2
Champion	58AZ1 VT2P GC	VT2P	N*	108	Treated
Cornelius	C575DP	VT2P	N	109	CM,C2,Vi
Cornelius	C6812DP	VT2P	N	108	AC,P5V
Cornelius	C6936SS	STX	N	109	AC,P5
Cornelius	C7004DP	VT2P	N	110	CM,C2,Vi
Dyna-Gro	D51VC67	VT2P	N	110	AC,P5V
Four Star	6D52RIB	VT2P	Y	110	AC,P2
Four Star	EXP 2201	VT2P	Y	109	AC,P5V,B-300
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5944 RIB	STX	Y	109	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Kruger	K0858DP	VT2P	Y	108	AC,P5,EDC
Kruger	K0915DD	VT2PDG	Y	109	AC,P5,EDC
Kruger	K1005DP	VT2P	Y	110	AC,P2
Kruger	K4R-9706	STX	Y	106	AC,P5V,EDC-B
Kruger	KR-4608D	VT2PDG	Y	108	AC,P2
Latham	LH 5646 PCE	PC,E	N	106	CM,C2,Vi
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5769 SS RIB	STX	Y	107	AC,P5V
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
Latham	LH 6097 VT2P RIB	VT2P	Y	110	AC,P2
LG Seeds	LG5525VTP2RIB GC	VT2P	Y	105	AC,P5V
NK Brand	NK0748-5122 EZR	5122	Y	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
NuTech	66C2Q	QR	Y	106	Lum,P1V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	69B9Q	QR	Y	109	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGVT2P	VT2PDG	Y	107	AC,P2
Renk	RK765VT2PRIB	VT2P	Y	109	AC,P2
Renk	RK782VT2P	VT2P	N	109	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Titan Pro	23-06 SS	STX	Y	106	AC,P5V
Titan Pro	94-09 2P	VT2P	Y	109	AC,P2
Titan Pro	96-06 2P	VT2P	Y	106	AC,P2
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4246RIB	VT2P	Y	105	AC,P2
Wyffels	W4588	STX	N	105	AC,P5V
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W5778	STX	N	109	AC,P5V

* 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 - Iowa East Central [IAEC]

Full-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Armor	A1575 VT2P GC	VT2P	N	115	Treated
Cornelius	C7125DP	VT2P	N	111	CM,C2,Vi
Cornelius	C7270DP	VT2P	N	112	CM,C2,Vi
Cornelius	C7308SS	STX	N	113	P5V
Cornelius	C7366DGDP	VT2PDG	N	113	CM,C2,Vi
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5V
Four Star	EXP 2202	VT2P	Y	111	AC,P5V,B-300
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Hefty	H6132 RIB	VT2P	Y	111	HC
Hefty	H6244 RIB	STX	Y	112	HC
Hefty	H6252	VT2P	N	112	HC
Hefty	H6354	STX	N	113	HC
Hefty	H6552	VT2P	N	115	HC
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
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
Kruger	K1160SS	STX	Y	111	AC,P5V,EDC-B
Kruger	K1191DT	TRE	Y	111	AC,P5,EDC
Kruger	K1313DD	VT2PDG	Y	113	AC,P5,EDC
Kruger	K1327DT	TRE	Y	113	AC,P5,EDC
Kruger	K1501DP	VT2P	Y	115	AC,P2
Latham	LH 6146 TRE RIB	TRE	Y	111	AC,P5V,EDC-B
Latham	LH 6149 SS RIB	STX	Y	111	AC,P5
Latham	LH 6227 VT2P RIB	VT2P	Y	112	AC,P2
Latham	LH 6317 VT2PDG RIB	VT2PDG	Y	113	AC,P2
Latham	LH 6477 VT2P RIB	VT2P	Y	114	AC,P2
LG Seeds	LG62C02VT2PRIB GC	VT2P	Y	112	AC,P5V
Midwest Genetics	MW12-48 DGVT2P GC	VT2PDG	Y	112	AC,P2
NK Brand	NK1188-5122 EZR	5122	Y	111	AVC,C5,Vi
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1460-5222 EZR	5222	Y	114	AVC,C5,Vi
NuTech	71F5Q	QR	N	111	Lum,P1V
NuTech	72B7Q	QR	Y	112	Lum,P1V
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V
Pioneer	P0953AM CK	AM	Y	109	Lum

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Pioneer	P1222AM GC	AM	Y	112	Lum
ProHarvest	81P88 TRERIB	TRE	Y	111	AC,P5V
ProHarvest	82P29 VT2PRIB	VT2P	Y	112	AC,P5V
ProHarvest	8360 VT2PRIB	VT2P	Y	113	AC,P5V
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P5V
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P5V
Renk	RK907SSTX	STX	N	115	AC,P5V
Titan Pro	12-12 2P	VT2P	Y	112	AC,P5
Titan Pro	18-12 SS	STX	Y	112	AC,P5V
Titan Pro	82-14 2P	VT2P	Y	114	AC,P2
Wyffels	W6978RIB	STX	Y	111	AC,P5V
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	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

3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® 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®
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
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,SU	Acceleron® 250, StepUp
AC,P5	Acceleron® 500
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.