

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] PRINCEVILLE, IL
Mike & Cole Cunningham, Peoria County, IL

Early-Season Test	105 - 110 Day CRM B2021ILWC27a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Tavium, Roundup Powermax
SOIL DESCRIPTION:	Ipava silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, high K, 5.6 pH, 3.8% OM, 19.6 CEC
PEST MANAGEMENT:	Lexar Ez, Halex Gt, Atrazine, Miravis Neo, Defcon
FERTILITY - Applied N:	167 Fall, 48 Spring
Applied N-P-K (units):	215-69-90
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 23 33.9 /A

TEST COMMENTS:

This location was planted early and in very nice soil conditions. Timely rains and good heat made for very nice and uniform emergence. The plot looked good all growing season until August when the constant wet and humid weather made conditions perfect for Tar Spot to move in and killed the plot off early and ultimately caused yield loss of approximately 10%, Cole estimates. Even with the foliar diseases that came in late in the growing season, the Cunninghams say this year is one of the top 5 crops they have grown!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	09DD740 ↗	VT2PDG	109	281.2	16.9	4	33.9	1530	1
Great Heart	HT-6948VT2P ↗	VT2P	109	280.8	18.9	7	33.9	1512	4
FS InVision	FS 5909D2A EZR ↗	5222A	109	280.3	17.8	7	34.8	1518	3
Hefty	H5832 RIB ↗	VT2P	108	279.0	16.5	2	33.0	1522	2
Burrus	POWER PLUS 4C14AM ↗	AM	108	277.5	17.4	4	34.8	1506	5
NuTech	69B9Q ↗	QR	109	276.8	18.1	3	34.8	1496	6
NK Brand	NK1026-5332 EZR ↗	5332	110	273.0	18.2	2	32.2	1475	7
Hefty	H5944 RIB ↗	STX	109	271.2	17.1	6	33.9	1475	8
Burrus	POWER PLUS 5L44AM ↗	AM	110	270.6	18.1	1	33.9	1463	11
NuTech	70F2Q ↗	QR	110	269.9	16.9	3	33.9	1469	10
Lewis	08DP739 ↗	VT2P	108	269.2	16.3	4	34.8	1470	9
Stone	0931SSRIB ↗	STX	109	266.6	18.4	3	33.9	1439	15
Lewis	10DP719 ↗	VT2P	110	266.1	16.8	4	33.9	1449	12
NuTech	68A7AM ↗	AM	108	264.7	16.6	7	33.0	1443	13
Augusta	A1060-3330 ↗	3330	110	264.1	18.4	3	34.0	1425	17
Augusta	A1259-5222 ↗	5222	109	263.9	18.0	6	34.8	1427	16
Becks	6049V2P GC ↗	VT2P	110	262.7	15.4	6	34.8	1442	14
NuTech	70A8AM ↗	AM	110	262.0	17.4	3	34.8	1422	19
Golden Harvest	G07G73-5122 EZR ↗	5122	107	261.9	16.9	2	33.0	1425	18
Stone	6078RIB ↗	STX	110	260.6	17.1	3	32.2	1417	21
Pioneer	P0825AMXT GC ↗	AMXT	108	258.7	17.7	2	33.9	1402	27
Hefty	H5812 RIB ↗	VT2P	108	258.3	14.4	6	33.1	1421	20
Renk	RK710DGV2P ↗	VT2PDG	107	258.0	15.4	4	33.9	1416	22
Renk	RK782VT2P ↗	VT2P	109	258.0	16.6	6	33.9	1407	25
Renk	RK700SSTX ↗	STX	107	257.7	16.2	2	33.1	1408	23
Integra	5802 VT2PRIB ↗	VT2P	108	256.5	15.3	7	33.9	1408	24
Integra	5719 VT2PRIB ↗	VT2P	107	255.9	15.2	4	33.9	1406	26
FS InVision	FS 6017V RIB ↗	VT2P	110	255.3	15.3	6	33.1	1402	28
Cornelius	C575DP ↗	VT2P	109	254.7	14.9	4	35.7	1401	29
Wyffels	W4196RIB ↗	VT2P	105	253.0	15.0	4	33.9	1391	30
Pioneer	P1108Q CK	QR	111	253.8	19.0	1	34.8	1365	35
				Averages =	257.3	16.6	4	33.9	1402
				LSD (0.10) =	18.2	0.9	2		
				LSD (0.25) =	9.6	0.5	1		
				C.V. =	6.7				
Nathan Roux				Historic yield: 232.35 bu/a, 2 yr(s)					
nathan.g.roux@gmail.com, (815) 716-3794									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

Report Date: 09/24/2021

† 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

Illinois West Central [ILWC] PRINCEVILLE, IL
Mike & Cole Cunningham, Peoria County, IL

Full-Season Test	111 - 115 Day CRM B2021ILWC27b
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Tavium, Roundup Powermax
SOIL DESCRIPTION:	Ipava silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, high K, 5.6 pH, 3.8% OM, 19.6 CEC
PEST MANAGEMENT:	Lexar Ez, Halex Gt, Atrazine, Miravis Neo, Defcon
FERTILITY - Applied N:	167 Fall, 48 Spring
Applied N-P-K (units):	215-69-90
SEEDED - RATE - ROW:	Apr 25 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 23 33.7 /A

TEST COMMENTS:

This location was planted early and in very nice soil conditions. Timely rains and good heat made for very nice and uniform emergence. The plot looked good all growing season until August when the constant wet and humid weather made conditions perfect for Tar Spot to move in and killed the plot off early and ultimately caused yield loss of approximately 10%, Cole estimates. Even with the foliar diseases that came in late in the growing season, the Cunninghams say this year is one of the top 5 crops they have grown!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6595V RIB ↗	VT2P	115	283.3	21.1	1	33.9	1506	1
ProHarvest	8360 VT2PRIB ↗	VT2P	113	280.6	19.9	2	34.8	1502	2
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	278.0	19.5	5	34.8	1491	3
Renk	RK915VT2P ↗	VT2P	115	277.8	20.7	3	32.2	1480	6
Green Valley	GV8212VT2PRIB ↗	VT2P	112	277.3	20.8	4	32.1	1477	8
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	276.5	19.1	3	33.9	1487	4
NuTech	71F5Q ↗	QR	111	274.9	18.5	2	33.9	1483	5
Becks	6374V2P GC ↗	VT2P	113	274.3	18.7	4	33.9	1478	7
NuTech	74B6AM ↗	AM	114	271.8	19.5	2	33.9	1458	11
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	269.8	18.5	5	34.8	1456	12
Stone	1122SSRIB ↗	STX	111	269.6	17.7	3	34.8	1461	10
Lewis	15DT512 ↗	TRE	115	268.5	20.6	2	33.1	1432	14
Hefty	H6355 ↗	TRE	113	267.6	15.8	9	34.8	1465	9
Integra	6162 VT2PRIB ↗	VT2P	111	267.2	17.0	3	31.3	1454	13
Lewis	15DP899 ↗	VT2P	115	265.9	21.6	5	33.9	1410	23
Hefty	H6244 RIB ↗	STX	112	264.8	19.8	3	32.1	1418	15
Wyffels	W7208 ↗	STX	112	263.5	21.1	3	33.9	1401	26
Burrus	POWER PLUS 6J92AM ↗	AM	113	262.8	19.0	2	33.1	1414	18
Dyna-Gro	D51SS61 ↗	STX	111	262.6	19.0	6	33.1	1413	20
FS InVision	FS 6306T RIB ↗	TRE	113	262.5	18.5	9	34.8	1416	16
NuTech	72B7Q ↗	QR	112	262.1	19.6	4	33.9	1405	24
Wyffels	W7956RIB ↗	VT2P	114	262.1	18.7	6	33.9	1413	21
Green Valley	GV8102VT2PRIB ↗	VT2P	111	262.0	18.4	7	34.8	1414	19
Golden Harvest	G12S75-5122 EZR ↗	5122	112	261.2	19.1	3	33.9	1405	25
Cornelius	C7366DGDP ↗	VT2PDG	113	260.6	19.5	2	33.0	1398	28
Lewis	11DT912 ↗	TRE	111	260.4	17.0	6	33.1	1416	17
Wyffels	W7536DG ↗	VT2PDG	112	259.4	19.0	6	34.8	1396	29
FS InVision	FS 6106X RIB ↗	STX	111	258.7	16.4	6	32.2	1412	22
Green Valley	GV8392VT2PRIB ↗	VT2P	113	256.3	17.1	7	34.8	1393	30
Hefty	H6252 ↗	VT2P	112	256.0	16.1	6	33.9	1400	27
Pioneer	P1108Q CK	QR	111	244.2	19.8	4	33.9	1308	59
				Averages =	255.0	19.0	5	33.7	1372
				LSD (0.10) =	21.2	1.1	3		
				LSD (0.25) =	11.2	0.6	1		
				C.V. =	7.9				
Nathan Roux				Historic yield: 232.35 bu/a, 2 yr(s)					
nathan.g.roux@gmail.com, (815) 716-3794									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

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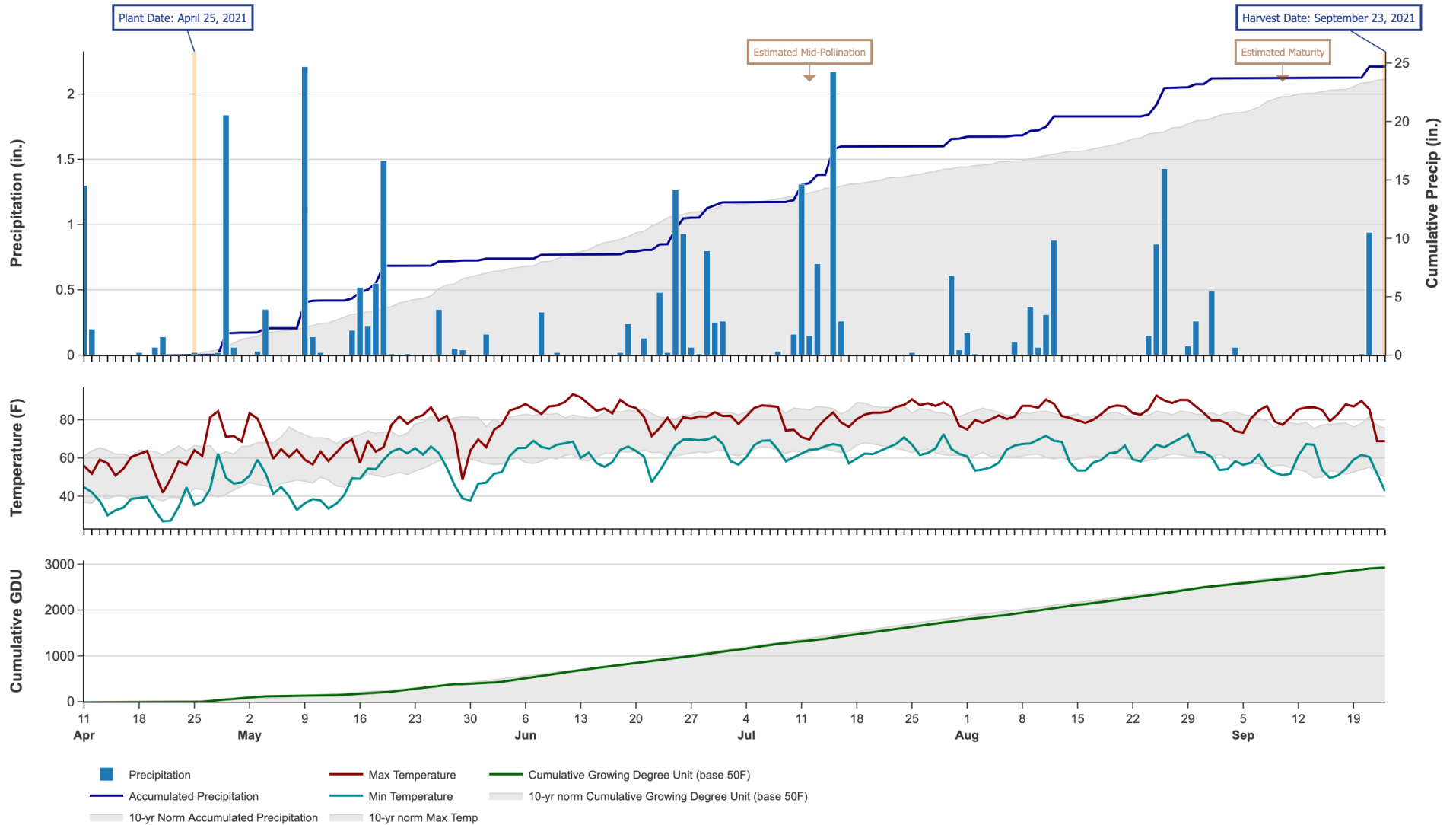
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2021 Corn - Illinois West Central [ILWC]

Weather Conditions Summary at PRINCEVILLE, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	3.7 3.2 (+0.5)	6.2 5.8 (+0.3)	4.7 5.7 (-0.9)	5.7 3.6 (+2.1)	4.7 4.0 (+0.7)	1.5 3.5 (-2.0)	26.4 25.7 (+0.7)
GDU Normal (Diff)	79 119 (-40)	340 405 (-65)	671 648 (+22)	709 758 (-49)	715 677 (+37)	430 392 (+37)	2944 3001 (-57)



* 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 - Illinois West Central [ILWC]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Becks	6049V2P GC	VT2P	Y	110	Es
Burrus	POWER PLUS 4C14AM	AM	Y	108	Lum
Burrus	POWER PLUS 5L44AM	AM	Y	110	Lum,P1V
Cornelius	C575DP	VT2P	N	109	CM,C2,Vi
Cornelius	C7004DP	VT2P	N	110	CM,C2,Vi
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
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
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G10D21-5332 EZR	5332	Y	110	AVC,C5,Vi
Great Heart	HT-6822VT2P	VT2P	Y	108	AC,P5V
Great Heart	HT-6948VT2P	VT2P	Y	109	AC,P5V
Hefty	H5444	STX	N	104	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5944 RIB	STX	Y	109	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
Lewis	05DD690	VT2PDG	Y	105	AC,P5,EDC
Lewis	07DT081	TRE	Y	107	AC,P5,EDC
Lewis	08DP739	VT2P	Y	108	AC,P2,B360
Lewis	09DD740	VT2PDG	Y	109	AC,P5,EDC
Lewis	10DP719	VT2P	Y	110	AC,P2,B360
NK Brand	NK1026-5332 EZR	5332	Y	110	AVC,C5,Vi
NuTech	66C2Q	QR	Y	106	Lum,P1V
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	P0825AMXT GC	AMXT	Y	108	Lum

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Pioneer	P1108Q CK	QR	Y	111	Lum
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGV2P	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
Stone	0931SSRIB	STX	Y	109	AC,P5V,B-300
Stone	6078RIB	STX	Y	110	AC,P5V,EDC-B
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4588	STX	N	105	AC,P5V
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W6408RIB	STX	Y	110	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 - Illinois West Central [ILWC]

Full-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2362 VT2P GC	VT2P	N	112	CM,C2
Augusta	A3363 VT2PDG GC	VT2PDG	N	113	CM,C2
Augusta	A5065-3110GT GC	3110	N	115	CM,C2
Augusta	A6362-5122-EZ GC	5122	Y	112	AVC,C5
Becks	6374V2P GC	VT2P	Y	113	Es
Becks	6414V2P GC	VT2P	Y	114	Es
Becks	6557V2P GC	VT2P	Y	115	Es
Burrus	6Y61 DGVT2P	VT2PDG	Y	113	AC,P5V,B-300
Burrus	POWER PLUS 6J92AM	AM	Y	113	BPS
Cornelius	7228VT2P	VT2P	N	112	CM,C2,Vi
Cornelius	C7125DP	VT2P	N	111	CM,C2,Vi
Cornelius	C7270DP	VT2P	N	112	CM,C2,Vi
Cornelius	C7366DGDP	VT2PDG	N	113	CM,C2,Vi
Dyna-Gro	D51SS61	STX	N	111	AC,P5V
Dyna-Gro	D53SS13	STX	N	113	AC,P5V
FS InVision	FS 6106X RIB	STX	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 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Golden Harvest	G14N11-5222 EZR	5222	Y	114	AVC,C5,Vi
Golden Harvest	G15J91-3220 EZR	3220	Y	115	AVC,C5,Vi
Great Heart	HT-7148TRE	TRE	Y	111	AC,P5V
Great Heart	HT-7256DGVT2P	VT2PDG	Y	112	AC,P5V
Great Heart	HT-7302VT2P	VT2P	Y	113	AC,P5V
Great Heart	HT-7443VT2P	VT2P	Y	114	AC,P5V
Green Valley	GV8102VT2PRIB	VT2P	Y	111	AC250
Green Valley	GV8212VT2PRIB	VT2P	Y	112	AC250
Green Valley	GV8392VT2PRIB	VT2P	Y	113	AC250
Hefty	H6132 RIB	VT2P	Y	111	HC
Hefty	H6244 RIB	STX	Y	112	HC
Hefty	H6252	VT2P	N	112	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6552	VT2P	N	115	HC
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
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
Lewis	11DT912	TRE	Y	111	AC,P5,EDC
Lewis	12DT302	TRE	Y	112	AC,P5,EDC
Lewis	13DT272	TRE	Y	113	AC,P5,EDC
Lewis	15DP899	VT2P	Y	115	AC,P2,B360
Lewis	15DT512	TRE	Y	115	AC,P5,EDC
NK Brand	NK1239-5122 EZR	5122	Y	112	AVC,C5,Vi
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1349-3220 EZR	3220	Y	113	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	P1108Q CK	QR	Y	111	Lum
Pioneer	P1366Q GC	QR	Y	113	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	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Stone	1122SSRIB	STX	Y	111	AC,P5V,EDC-B
Stone	1332SSRIB	STX	Y	113	AC,P5V,EDC-B
Stone	1521SSRIB	STX	Y	115	AC,P5V,EDC-B
Stone	6368RIB	STX	Y	113	AC,P5V,EDC-B
Wyffels	W7208	STX	N	112	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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
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
5332	Agrisure® Duracade® 5332 (Vip, CB, HX, RW, RW2, LL, GT)
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
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
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,SU	Acceleron® 250, StepUp
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	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Es	Escalate
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo

* Seed treatments may include unspecified plant health promoting components.