

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

2021 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] MACOMB, IL
Joel Lewis, McDonough County, IL 61438

Early-Season Test 105 - 110 Day CRM
B2021ILWC25a

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Zidua Pro, Roundup
Powermax, Warrant Ultra,
Roundup Powermax, Fastac,
Priaxor

SOIL DESCRIPTION: Ipava/Osco silt loam, well
drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, medium K, 5.1 pH, 3.7%
OM, 17.8 CEC

PEST MANAGEMENT: Harness Xtra, Armezon Pro,
Amsol, Atrazine, Roundup
Powermax, Defcon

FERTILITY - Applied N: 186 Fall, 30 Spring

Applied N-P-K (units): 216-92-90

SEEDED - RATE - ROW: Apr 26 37.5 /A 30" spacing

HARVESTED - STAND: Sep 26 33.9 /A

TEST COMMENTS:

This location was planted in very nice soil conditions and emerged evenly. The area had timely rains and good heat all summer long and the crops looked well all growing season. This location wasn't affected as much as others with late-season disease, but it was still present. Heavy winds late in the season caused some stalk lodging across the entire plot but nothing extreme.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	G10D21-5332 EZR ↗	5332	110	261.5	17.2	4	34.8	1421	6
FS InVision	FS 6017V RIB ↗	VT2P	110	260.8	13.3	8	34.8	1434	2
Renk	RK782VT2P ↗	VT2P	109	260.4	14.2	7	33.1	1432	3
Pioneer	P0825AMXT GC ↗	AMXT	108	260.0	15.5	8	34.8	1426	4
Cornelius	C575DP ↗	VT2P	109	259.1	13.3	6	33.9	1425	5
Renk	RK700SSTX ↗	STX	107	257.4	13.3	6	33.9	1416	7
NuTech	68A7AM ↗	AM	108	257.0	15.4	7	34.8	1410	8
NuTech	70A8AM ↗	AM	110	255.9	16.0	4	33.9	1400	10
Burrus	POWER PLUS 4C14AM ↗	AM	108	255.8	15.0	4	32.2	1407	9
Great Heart	HT-6948VT2P ↗	VT2P	109	255.3	15.5	10	34.8	1400	11
Lewis	09DD740 ↗	VT2PDG	109	254.1	13.8	8	33.9	1398	12
Integra	5802 VT2PRIB ↗	VT2P	108	253.2	14.0	7	34.0	1393	13
Lewis	08DP739 ↗	VT2P	108	252.2	14.3	6	34.8	1387	14
Augusta	A1060-3330 ↗	3330	110	247.1	18.0	4	33.9	1337	19
Golden Harvest	G07G73-5122 EZR ↗	5122	107	245.5	15.4	6	33.9	1347	15
Integra	5719 VT2PRIB ↗	VT2P	107	244.7	12.9	4	33.1	1346	16
NuTech	70F2Q ↗	QR	110	244.7	14.6	4	33.1	1346	17
Cornelius	C7004DP ↗	VT2P	110	243.7	14.3	4	33.1	1340	18
FS InVision	FS 5909D2A EZR ↗	5222A	109	242.0	16.4	6	34.8	1321	20
Integra	6061 TRERIB ↗	TRE	110	241.2	16.2	6	32.2	1318	21
Stone	0931SSRIB ↗	STX	109	240.5	15.7	8	33.9	1318	22
Augusta	A1259-5222 ↗	5222	109	240.4	16.7	6	33.1	1310	23
Lewis	07DT081 ↗	TRE	107	238.2	14.2	6	33.0	1310	24
NuTech	66C2Q ↗	QR	106	236.8	14.6	4	33.9	1302	25
Stone	6078RIB ↗	STX	110	234.9	14.3	10	33.9	1292	26
FS InVision	FS 5704V RIB ↗	VT2P	107	234.1	14.3	4	35.7	1288	27
NuTech	69B9Q ↗	QR	109	233.3	14.3	4	34.8	1283	28
NK Brand	NK1026-5332 EZR ↗	5332	110	233.2	16.1	4	35.7	1275	30
Renk	RK710DGVT2P ↗	VT2PDG	107	233.1	12.9	4	33.9	1282	29
Wyffels	W6408RIB ↗	STX	110	232.4	15.6	9	33.9	1274	31
Pioneer	P1108Q CK	QR	111	270.4	16.4	7	33.1	1476	1
				Averages =	239.0	14.4	6	33.9	1312
				LSD (0.10) =	18.2	1.0	ns		
				LSD (0.25) =	9.6	0.5	ns		
				C.V. =	7.2				
				Historic yield: 213.65 bu/a, 24 yr(s)					

Nathan Roux

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

Report Date: 09/27/2021

† 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] MACOMB, IL
Joel Lewis, McDonough County, IL 61438

Full-Season Test 111 - 115 Day CRM
B2021ILWC25b

Top 30 of 72 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Zidua Pro, Roundup
Powermax, Warrant Ultra,
Roundup Powermax, Fastac,
Priaxor

SOIL DESCRIPTION: Ipava/Osco silt loam, well
drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, medium K, 5.1 pH, 3.7%
OM, 17.8 CEC

PEST MANAGEMENT: Harness Xtra, Armezon Pro,
Amsol, Atrazine, Roundup
Powermax, Defcon

FERTILITY - Applied N: 186 Fall, 30 Spring

Applied N-P-K (units): 216-92-90

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HARVESTED - STAND: Sep 26 33.8 /A

TEST COMMENTS:

This location was planted in very nice soil conditions and emerged evenly. The area had timely rains and good heat all summer long and the crops looked well all growing season. This location wasn't affected as much as others with late-season disease, but it was still present. Heavy winds late in the season caused some stalk lodging across the entire plot but nothing extreme.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	71F5Q ↗	QR	111	283.1	16.7	4	33.9	1543	1
Green Valley	GV8212VT2PRIB ↗	VT2P	112	275.9	17.5	4	33.9	1496	2
Cornelius	C7366DGGDP ↗	VT2PDG	113	274.7	17.4	4	34.8	1491	3
FS InVision	FS 6595V RIB ↗	VT2P	115	273.8	18.9	4	33.9	1474	6
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	273.5	17.4	4	34.8	1484	5
Lewis	15DT512 ↗	TRE	115	272.4	18.3	16	33.1	1472	7
Wyffels	W7876RIB ↗	VT2P	114	270.8	17.3	4	33.9	1471	8
Wyffels	W7536DG ↗	VT2PDG	112	268.3	17.2	11	33.9	1458	9
NuTech	74A9AM ↗	AM	114	267.1	17.4	7	34.8	1450	11
Stone	1332SSRIB ↗	STX	113	266.7	16.8	17	33.9	1452	10
Burrus	POWER PLUS 6J92AM ↗	AM	113	266.1	17.8	10	33.1	1441	13
Green Valley	GV8392VT2PRIB ↗	VT2P	113	264.1	16.0	6	34.8	1444	12
NuTech	74F3AM ↗	AM	114	263.9	18.5	6	32.2	1424	17
Becks	6374V2P GC ↗	VT2P	113	263.5	16.7	7	33.0	1436	15
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	263.0	16.1	6	33.9	1438	14
Dyna-Gro	D53SS13 ↗	STX	113	262.6	18.2	9	33.1	1419	18
Burrus	6Y61 DGV2P ↗	VT2PDG	113	262.0	16.7	4	34.8	1428	16
Becks	6557V2P GC ↗	VT2P	115	262.0	18.3	4	33.9	1415	20
ProHarvest	8360 VT2PRIB ↗	VT2P	113	260.2	17.2	4	33.1	1414	21
Lewis	15DP899 ↗	VT2P	115	259.9	18.5	4	33.1	1402	25
Stone	1122SSRIB ↗	STX	111	259.4	16.4	4	34.8	1416	19
Cornelius	7228VT2P ↗	VT2P	112	258.7	16.8	7	34.8	1409	23
Pioneer	P1366Q GC ↗	QR	113	257.9	17.1	4	33.1	1402	26
FS InVision	FS 6306T RIB ↗	TRE	113	256.8	15.3	6	32.2	1410	22
Green Valley	GV8102VT2PRIB ↗	VT2P	111	256.1	15.2	7	34.8	1407	24
Dyna-Gro	D51SS61 ↗	STX	111	255.3	16.6	6	33.1	1392	27
Augusta	A6362-5122-EZ GC ↗	5122	112	255.2	18.6	4	33.9	1376	31
Wyffels	W7208 ↗	STX	112	254.6	17.9	8	33.9	1378	29
Renk	RK937VT2P ↗	VT2P	113	254.3	16.3	8	33.9	1389	28
FS InVision	FS 6106X RIB ↗	STX	111	251.9	16.2	7	32.2	1377	30
Pioneer	P1108Q CK	QR	111	274.3	17.8	4	33.9	1486	4
				Averages =	249.9	17.0	7	33.8	1359
				LSD (0.10) =	16.5	0.8	5		
				LSD (0.25) =	8.7	0.4	2		
Nathan Roux				C.V. =	6.3				
nathan.g.roux@gmail.com, (815) 716-3794									Historic yield: 213.65 bu/a, 24 yr(s)

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

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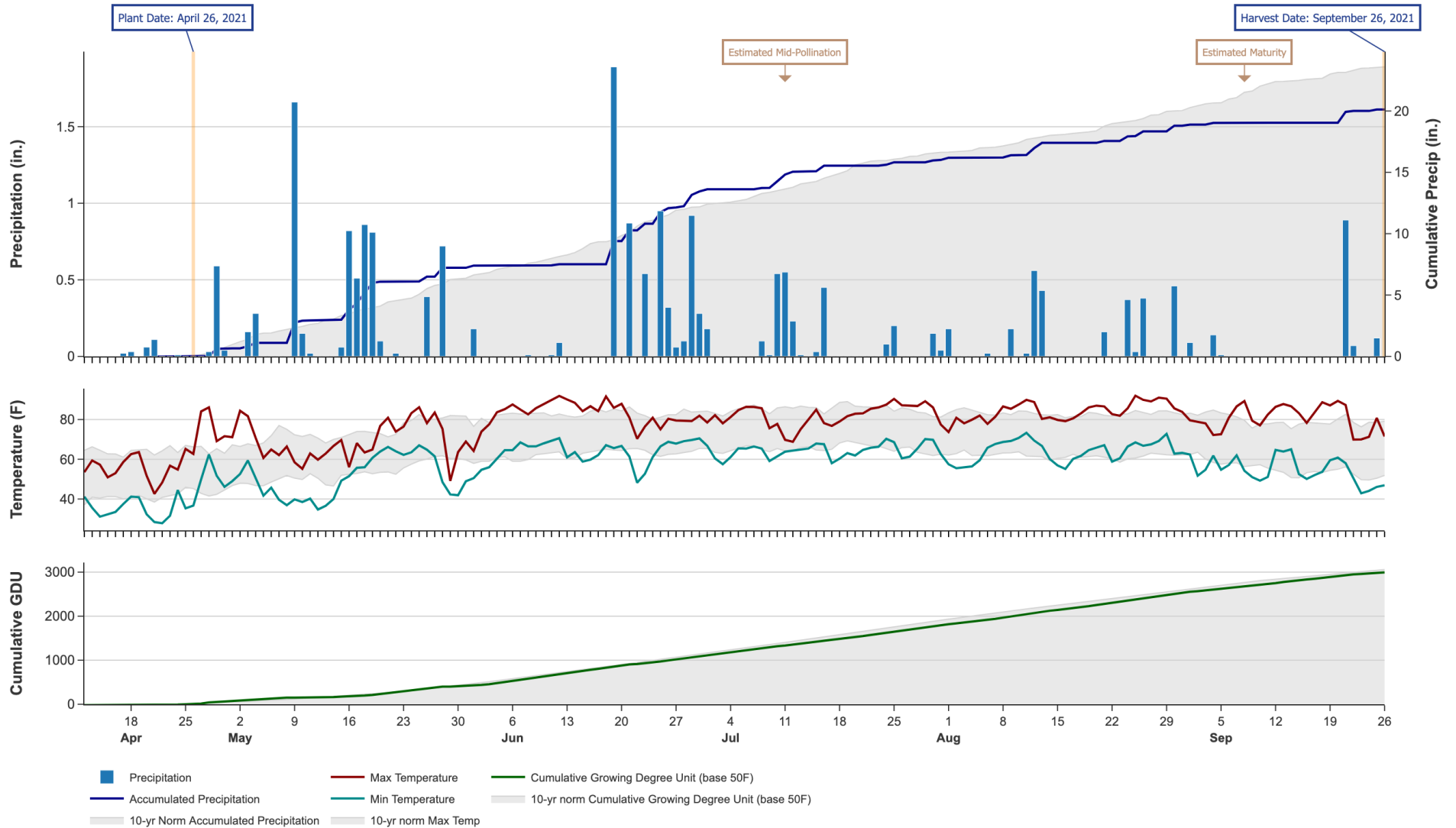
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2021 Corn - Illinois West Central [ILWC]

Weather Conditions Summary at MACOMB, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	0.9 3.0 (-2.1)	6.6 5.7 (+0.9)	6.2 5.8 (+0.4)	2.6 4.5 (-1.9)	2.8 3.4 (-0.6)	1.3 3.6 (-2.2)	20.4 25.9 (-5.5)
GDU Normal (Diff)	83 136 (-53)	355 429 (-74)	676 675 (0)	709 776 (-67)	730 695 (+34)	463 451 (+11)	3016 3165 (-149)



* 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.