

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

2022 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TUSCOLA, IL

Silver Top Enterprises, Curt Clapper, Douglas County, IL
61953

Early-Season Test 105 - 111 Day CRM
B2022ILEC23a

Top 30 of 54 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Cheetah Pro,
Outlook, Clethodim

SOIL DESCRIPTION: Drummer, Flanagan silty clay
loam, mod. well drained, non-
irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, medium K, 5.6 pH, 3.6%
OM, 24.7 CEC

PEST MANAGEMENT: Lexar Ez, Aatrex, 41% Glyphos,
Defcon

FERTILITY - Applied N: 135 Spring, 30 Sidedress

Applied N-P-K (units): 165-120-120

SEEDED - RATE - ROW: May 13 37.5 /A 30" spacing

HARVESTED - STAND: Oct 4 36.0 /A

TEST COMMENTS:

This location was planted in nice soil conditions and had good emergence that looked very even. June and July were dry in this area with only 6.8 inches of rain since May 1st. It was a brown circle on the drought map, allowing plants to root down. The plot was standing very nicely with a few plants here and there that had some stalk lodging. Plants stayed healthy with very little disease of any kind present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
LG Seeds	LG61C34STXPRO ↗	STXP	111	274.6	20.4	2	36.6	1741	1	
Innvictis	A1192 ↗	STX	111	270.7	20.6	1	36.6	1714	3	
Sun Prairie	SP2607 ↗	STX	111	269.9	20.7	2	36.6	1708	4	
Sun Prairie	SP2508 ↗	STX	110	269.8	18.7	1	35.7	1724	2	
FS InVision	FS 6017V RIB ↗	VT2P	110	268.0	19.6	1	34.8	1705	5	
Purple Ribbon	23A11 ↗	STX	111	265.1	20.5	2	36.6	1680	7	
Renk	RK801SSTX ↗	STX	110	263.9	20.2	1	37.5	1674	9	
Integra	5802 VT2PRIB ↗	VT2P	108	262.8	19.2	1	35.7	1675	8	
LG Seeds	LG60C47STXRIB ↗	STX	110	262.5	18.1	1	35.7	1682	6	
NuTech	70B4AM ↗	AM	110	261.3	21.9	2	35.7	1645	12	
Purple Ribbon	23A08 ↗	VT2P	108	260.9	19.7	1	36.6	1659	10	
Hefty	H5862 ↗	VT2P	108	259.3	21.4	1	37.5	1636	15	
Wyffels	W5778RIB ↗	STX	109	258.1	18.4	1	36.6	1652	11	
Renk	RK774VT2P ↗	VT2P	108	257.5	21.4	2	36.6	1624	17	
NuTech	68A7AM ↗	AM	108	257.4	19.2	2	34.8	1641	13	
Integra	5719 VT2PRIB ↗	VT2P	107	255.8	18.2	2	35.7	1638	14	
Stone	0931SS ↗	STX	109	255.5	20.0	1	34.8	1622	18	
Wyffels	W5086RIB ↗	VT2P	107	254.8	19.1	1	36.6	1625	16	
Hefty	H5944 ↗	STX	109	254.8	19.9	1	36.6	1619	19	
Purple Ribbon	23A09 ↗	VT2P	109	252.7	19.1	1	36.6	1611	20	
Hefty	H5764 ↗	STXP	107	252.5	22.7	1	36.6	1583	24	
Great Heart	HT-7044VT2P ↗	VT2P	110	250.1	21.9	1	33.9	1574	27	
Hefty	H6064 ↗	STX	110	249.8	20.5	1	35.7	1583	25	
Great Heart	HT-7148TRE ↗	TRE	111	249.7	21.0	3	36.6	1578	26	
Wyffels	W6978RIB ↗	STX	111	249.4	20.0	2	34.8	1584	22	
Renk	RK805VT2P ↗	VT2P	110	249.3	19.9	1	36.6	1584	23	
Hefty	H6134 ↗	STX	111	248.8	21.6	2	36.6	1568	30	
FS InVision	FS 6025X RIB ↗	STX	110	248.6	20.9	1	36.6	1572	29	
FS InVision	FS 5725X RIB ↗	STX	107	247.7	17.0	1	36.6	1595	21	
AgVenture	AV5508 ↗	AM	108	247.2	19.5	1	35.7	1574	28	
PIONEER	P1108Q CK	QR	111	252.0	25.2	2	35.7	1561	32	
				Averages =	248.2	20.4	2	36.0	1573	
				LSD (0.10) =	9.6	1.5	ns			
				LSD (0.25) =	5.1	0.8	ns			
				C.V. =	3.7					
									Historic yield: 177.84 bu/a, 25 yr(s)	

Nathan Roux

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$6.50

Report Date: 10/04/2022

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

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2022 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TUSCOLA, IL

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Full-Season Test	112 - 116 Day CRM B2022ILEC23b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Cheetah Pro, Outlook, Clethodim
SOIL DESCRIPTION:	Drummer, Flanagan silty clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 5.6 pH, 3.6% OM, 24.7 CEC
PEST MANAGEMENT:	Lexar Ez, Aatrex, 41% Glyphos, Defcon
FERTILITY - Applied N:	135 Spring, 30 Sidedress
Applied N-P-K (units):	165-120-120
SEEDED - RATE - ROW:	May 13 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 4 36.0 /A

TEST COMMENTS:

This location was planted in nice soil conditions and had good emergence that looked very even. June and July were dry in this area with only 6.8 inches of rain since May 1st. It was a brown circle on the drought map, allowing plants to root down. The plot was standing very nicely with a few plants here and there that had some stalk lodging. Plants stayed healthy with very little disease of any kind present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Burrus	7N88 SS ↗	STX	115	276.6	22.6	2	37.5	1735	1
Renk	RK915VT2P ↗	VT2P	115	270.3	22.9	3	35.7	1693	3
FS InVision	FS 6306T RIB ↗	TRE	113	270.0	20.9	1	35.7	1707	2
Dyna-Gro	D53SS13RIB ↗	STX	113	267.3	22.4	2	36.6	1678	4
Hefty	H6552 ↗	VT2P	115	266.4	24.4	3	36.6	1656	6
Hefty	H6244 ↗	STX	112	264.6	22.0	2	35.7	1665	5
Renk	RK940SSTX ↗	STX	115	264.3	24.7	3	34.8	1641	8
AgVenture	AV5214 ↗	AM	114	262.6	23.4	3	34.8	1641	9
ProHarvest	8360 VT2PRIB ↗	VT2P	113	262.0	23.8	2	33.9	1634	12
Purple Ribbon	23A12 ↗	VT2PDG	112	261.6	23.7	3	35.7	1632	13
FS InVision	FS 6625V RIB ↗	VT2P	116	259.5	24.3	3	34.8	1615	17
ProHarvest	82P29 VT2PRIB ↗	VT2P	112	259.2	22.3	1	35.7	1628	14
Hefty	H6354 ↗	STX	113	259.1	20.6	1	36.6	1640	11
Wyffels	W7536DGRIB ↗	VT2PDG	112	259.1	22.6	3	35.7	1625	15
Burrus	7F33 VT2P ↗	VT2P	114	258.7	24.7	1	37.5	1607	19
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	258.6	22.8	2	36.6	1620	16
LG Seeds	LG63C82DGVT2PRO ↗	VT2PDG	113	258.5	24.8	1	35.7	1604	20
ProHarvest	84P47 SSRIB ↗	STX	114	258.0	18.8	1	37.5	1648	7
Wyffels	W8306 ↗	VT2P	115	257.9	23.2	2	35.7	1613	18
Innvictis	A1462 ↗	VT2P	114	257.0	24.4	2	34.8	1598	22
Renk	RK895DGVT2P ↗	VT2PDG	113	255.7	23.2	1	34.8	1599	21
ProHarvest	84P78 TRERIB ↗	TRE	114	255.7	28.3	2	36.6	1560	29
Wyffels	W7945 ↗	TRE	114	255.4	27.8	1	34.8	1562	27
FS InVision	FS 6595V RIB ↗	VT2P	115	255.4	26.8	2	35.7	1570	23
Renk	RK945DGVT2P ↗	VT2PDG	116	252.6	25.1	2	36.6	1565	26
NK Brand	NK1239-D ↗	D	112	251.4	24.7	1	37.5	1561	28
NuTech	72B7Q ↗	QR	112	248.7	21.4	2	36.6	1569	24
NuTech	73A6Q ↗	QR	113	248.4	23.2	1	37.5	1553	30
Hefty	H6355 ↗	TRE	113	248.0	20.7	1	34.8	1569	25
FS InVision	FS 6627T RIB ↗	TRE	116	248.0	25.3	3	36.6	1536	31
PIONEER	P1108Q CK	QR	111	261.1	22.2	2	36.6	1641	10
				Averages =	249.7	24.1	2	36.0	1555
				LSD (0.10) =	10.0	1.6	1		
				LSD (0.25) =	5.2	0.8	1		
Nathan Roux				C.V. =	3.8				
nathan.g.roux@gmail.com, (815) 716-3794							Historic yield: 177.84 bu/a, 25 yr(s)		

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$6.50

Report Date: 10/04/2022

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

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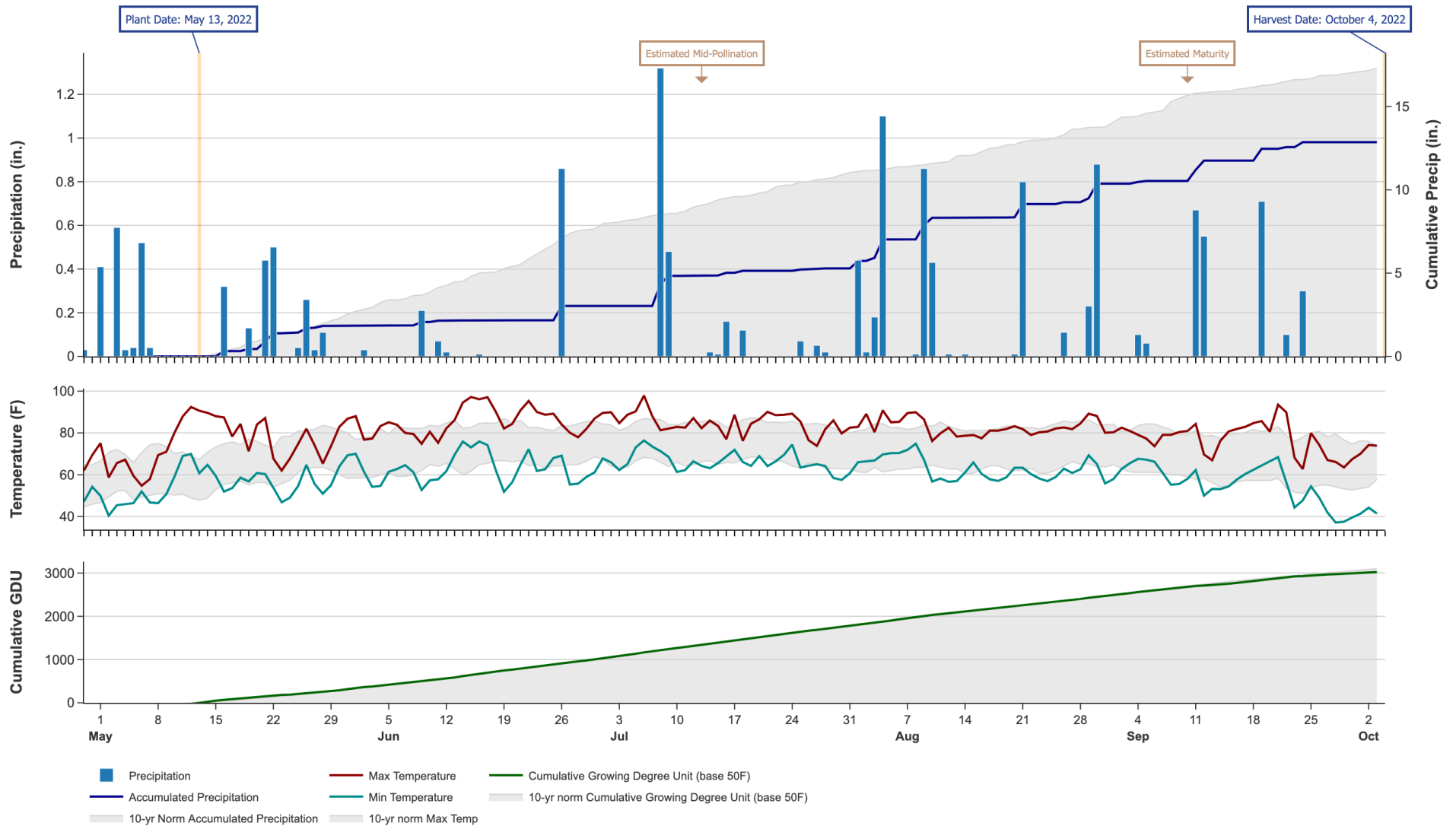
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2022 Corn - Illinois East Central [ILEC]

Weather Conditions Summary at TUSCOLA, IL

Weather Data Retrieved: 10/04/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.0 0.9 (-0.8)	3.5 4.3 (-0.9)	1.2 5.1 (-3.9)	2.2 3.4 (-1.2)	5.1 2.7 (+2.4)	2.5 3.3 (-0.8)	0.0 0.3 (-0.3)	14.5 20.0 (-5.4)
GDU Normal (Diff)	18 14 (+3)	476 453 (+22)	688 692 (-4)	770 772 (-2)	699 712 (-13)	519 560 (-41)	34 45 (-11)	3204 3252 (-48)



* 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.

2022 Corn - Illinois East Central [ILEC]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV5508	AM	Y	108	Treated
AgVenture	AV9610	AM	Y	110	Treated
AgVenture	AV9711	QR	Y	111	Treated
Augusta	A1060-3330A-EZ	VZ	Y	110	CM,C1
Augusta	A1259-5222	DV	Y*	109	CM,C2,Vi
Dyna-Gro	D51SS61	STX	N	111	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,Vi,Va
Golden Harvest	G10D21-DVZ	DVZ	Y	110	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-7044VT2P	VT2P	Y	110	Treated
Great Heart	HT-7148TRE	TRE	Y	111	Treated
Hefty	H5764	STXP	N	107	HC
Hefty	H5862	VT2P	N	108	HC
Hefty	H5944	STX	N	109	HC
Hefty	H6064	STX	N	110	HC
Hefty	H6134	STX	N	111	HC
Innvictis	A1192	STX	N	111	AC,P5V,EDC-B
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	5939 STXRIB	STX	Y	109	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
LG Seeds	LG59C72VT2PRIB	VT2P	N*	109	AC,P5V
LG Seeds	LG60C47STXRIB	STX	Y	110	AC,P5V
LG Seeds	LG61C34STXPRO	STXP	Y	111	AC,P5V
NK Brand	NK1026-VZ	VZ	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
NuTech	66C2Q	QR	Y	106	Lum, L1
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	69B9Q	QR	Y	109	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	70F6Q	QR	Y	110	Lum, L1
Pioneer	P0924Q GC	QR	Y	109	Lum, L1
Pioneer	P1108Q CK	QR	Y	111	Lum, L1
Purple Ribbon	22A07	VT2P	Y	107	AC,P2
Purple Ribbon	23A08	VT2P	Y	108	AC,P2
Purple Ribbon	23A09	VT2P	Y	109	AC,P2
Purple Ribbon	23A11	STX	Y	111	AC,P2
Renk	RK774VT2P	VT2P	N	108	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P2
Stone	0931SS	STX	Y	109	AC,P5V,EDC-B
Stone	1103SS	STX	Y	111	AC,P5V,EDC-B
Sun Prairie	SP2508	STX	N	110	AC,P5V
Sun Prairie	SP2607	STX	N	111	AC,P5,EDC
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W5778RIB	STX	Y	109	AC,P2
Wyffels	W6935	TRE	N	111	AC,P2
Wyffels	W6978RIB	STX	Y	111	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.

2022 Corn - Illinois East Central [ILEC]

Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV5214	AM	Y	114	Treated
AgVenture	AV7913AM	AM	Y	113	Treated
AgVenture	AV9916	AM	Y	116	Treated
Burrus	7F33 VT2P	VT2P	Y	114	AC,P5V
Burrus	7N88 SS	STX	Y	115	AC,P5V
Burrus	POWER PLUS 6W81AM	AM	Y	113	Lum, L1
Dyna-Gro	D53SS13RIB	STX	N	113	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G12S75-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-7256DGVT2P	VT2PDG	Y	112	Treated
Great Heart	HT-7393VT2P	VT2P	Y	113	Treated
Great Heart	HT-7499TRE	TRE	Y	114	Treated
Hefty	H6244	STX	N	112	HC
Hefty	H6354	STX	N	113	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6524 RIB	STX	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
Innvictis	A1462	VT2P	N	114	Treated
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU+Zn
Integra	6493 VT2P	VT2P	N	114	AC,P5V
Integra	6555 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
LG Seeds	LG63C82DGVT2PRO	VT2PDG	Y	113	AC,P5V
LG Seeds	LG66C44VT2RIB	VT2P	Y	116	AC,P5V
NK Brand	NK1239-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1661-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
NuTech	72A5Q	QR	Y	111	Lum, L1
NuTech	72B7Q	QR	Y	112	Lum, L1
NuTech	72D4Q	QR	Y	112	Lum, L1
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
Pioneer	P1108Q CK	QR	Y	111	Lum, L1
ProHarvest	82P29 VT2PRIB	VT2P	Y	112	AC,P2
ProHarvest	8360 VT2PRIB	VT2P	Y	113	AC,P2
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P2
ProHarvest	84P47 SSRIB	STX	Y	114	AC,P2
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P2
Purple Ribbon	23A12	VT2PDG	Y	112	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK940SSTX	STX	N	115	AC,P5V
Renk	RK945DGVT2P	VT2PDG	Y	116	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Stone	1332SS	STX	Y	113	AC,P5V,EDC-B
Stone	1521SS	STX	Y	115	AC,P5V,EDC-B
Wyffels	W7208RIB	STX	Y	112	AC,P2
Wyffels	W7536DGRIB	VT2PDG	Y	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W8306	VT2P	N	115	AC,P2

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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

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
DVZ	DuracadeViptera™ Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade® 5332
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
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,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C1	CruiserMaxx® 1250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.