

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

2022 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] PENFIELD, IL
Jeff & Evan Suits, Champaign County, IL

Early-Season Test	105 - 111 Day CRM B2022ILEC20a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Liberty
SOIL DESCRIPTION:	Ashkum, Elliott silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 4.9 pH, 4.0% OM, 23.0 CEC
PEST MANAGEMENT:	Harness Xtra, Laudis, Defcon
FERTILITY - Applied N:	100 Fall, 60 Spring, 5 Planter, 50 Sidedress
Applied N-P-K (units):	215-124-152
SEDED - RATE - ROW:	May 13 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 20 35.6 /A

TEST COMMENTS:

Penfield was planted in excellent soil conditions. Good moisture at planting gave way to nice even emergence, then it turned dry with very little rainfall until August. Plants rooted down early and were standing very nice at this location with excellent stalk quality and strong ear shanks. The plot stayed healthy all season long but the lack of rainfall limited yield at this location.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Heart	HT-7148TRE ↗	TRE	111	257.5	17.8	1	35.7	1652	1
AgVenture	AV9610 ↗	AM	110	255.0	16.8	1	36.6	1643	2
Augusta	A1060-3330A-EZ ↗	VZ	110	251.8	16.3	1	34.8	1627	3
Integra	6061 STXRIB ↗	STX	110	248.0	17.1	1	33.1	1597	5
NuTech	70B4AM ↗	AM	110	247.1	17.4	1	36.6	1588	7
Stone	1103SS ↗	STX	111	247.1	16.3	1	35.7	1596	6
Hefty	H5764 ↗	STXP	107	246.3	14.9	1	33.9	1601	4
Sun Prairie	SP2607 ↗	STX	111	246.1	16.9	1	35.7	1586	8
NuTech	70F6Q ↗	QR	110	243.3	16.3	1	34.8	1572	9
Purple Ribbon	23A09 ↗	VT2P	109	239.6	14.4	1	35.7	1557	10
Purple Ribbon	23A11 ↗	STX	111	236.9	17.3	1	35.7	1524	12
NK Brand	NK1188-D ↗	D	111	235.9	16.2	1	35.7	1525	11
Renk	RK821SSTX ↗	STX	111	235.4	16.1	1	33.9	1523	13
Augusta	A1259-5222 ↗	DV	109	233.3	15.9	1	34.8	1510	14
Renk	RK801SSTX ↗	STX	110	232.5	16.1	1	36.6	1503	16
Sun Prairie	SP2508 ↗	STX	110	232.1	15.3	1	34.0	1506	15
Hefty	H6134 ↗	STX	111	231.4	16.7	1	34.8	1492	19
Hefty	H5862 ↗	VT2P	108	230.8	15.7	1	34.8	1496	17
AgVenture	AV9711 ↗	QR	111	230.7	16.6	1	35.7	1488	20
FS InVision	FS 6017V RIB ↗	VT2P	110	230.6	15.8	1	37.5	1493	18
Wyffels	W6935 ↗	TRE	111	229.1	15.9	1	37.5	1483	21
NuTech	69B9Q ↗	QR	109	228.6	16.8	1	35.7	1474	24
LG Seeds	LG60C47STXRIB ↗	STX	110	227.5	14.6	1	36.6	1479	22
FS InVision	FS 6025X RIB ↗	STX	110	227.2	16.5	1	34.8	1466	26
Dyna-Gro	D51SS61 ↗	STX	111	227.2	14.8	1	35.7	1477	23
Hefty	H6064 ↗	STX	110	226.4	16.6	1	36.6	1461	27
Hefty	H5944 ↗	STX	109	226.1	15.4	1	35.7	1467	25
Integra	5802 VT2PRIB ↗	VT2P	108	225.1	16.1	1	35.7	1455	28
Purple Ribbon	23A08 ↗	VT2P	108	224.9	16.3	1	36.6	1453	30
Great Heart	HT-7044VT2P ↗	VT2P	110	224.8	16.1	1	37.5	1454	29
PIONEER	P1108Q CK	QR	111	226.0	17.8	1	35.7	1450	31
				Averages =	226.0	16.0	1	35.6	1462
				LSD (0.10) =	10.2	0.8	ns		
				LSD (0.25) =	5.4	0.4	ns		
				C.V. =	4.3				

Nathan Roux

Nathan Roux

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Historic yield: new site

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

Report Date: 10/20/2022

† 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] PENFIELD, IL
Jeff & Evan Suits, Champaign County, IL

Full-Season Test	112 - 116 Day CRM B2022ILEC20b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Liberty
SOIL DESCRIPTION:	Ashkum, Elliott silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 4.9 pH, 4.0% OM, 23.0 CEC
PEST MANAGEMENT:	Harness Xtra, Laudis, Defcon
FERTILITY - Applied N:	100 Fall, 60 Spring, 5 Planter, 50 Sidedress
Applied N-P-K (units):	215-124-152
SEEDED - RATE - ROW:	May 13 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 20 35.6 /A

TEST COMMENTS:

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Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6493 VT2P ↗	VT2P	114	261.9	18.1	1	36.6	1678	1
Wyffels	W7536DGRIB ↗	VT2PDG	112	259.9	17.8	1	33.9	1668	2
Purple Ribbon	23A12 ↗	VT2PDG	112	258.0	18.3	1	36.6	1652	3
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	256.9	18.3	1	33.9	1644	5
Hefty	H6355 ↗	TRE	113	255.0	15.9	1	35.7	1651	4
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	250.0	17.3	1	34.8	1608	6
Renk	RK915VT2P ↗	VT2P	115	246.9	17.9	1	33.9	1583	7
LG Seeds	LG66C44VT2RIB ↗	VT2P	116	246.0	19.1	1	35.7	1569	8
Wyffels	W7945 ↗	TRE	114	245.6	19.8	1	33.0	1561	12
Renk	RK958VT2P ↗	VT2P	115	244.9	19.1	1	35.7	1562	10
Innervictis	A1462 ↗	VT2P	114	243.9	18.8	1	35.7	1558	13
Renk	RK895DGVT2P ↗	VT2PDG	113	243.9	18.1	1	35.7	1563	9
ProHarvest	84P78 TRERIB ↗	TRE	114	243.6	19.0	1	36.6	1554	14
Wyffels	W7208RIB ↗	STX	112	242.3	16.8	1	35.7	1562	11
Renk	RK945DGVT2P ↗	VT2PDG	116	240.7	18.2	1	37.5	1541	15
Burrus	7N88 SS ↗	STX	115	240.7	19.4	1	34.8	1533	19
LG Seeds	LG63C82DGVT2PRO ↗	VT2PDG	113	240.6	18.3	1	36.6	1540	16
Wyffels	W7876RIB ↗	VT2P	114	240.3	18.6	1	33.9	1536	17
Great Heart	HT-7393VT2P ↗	VT2P	113	238.8	20.8	1	35.7	1511	24
Burrus	7F33 VT2P ↗	VT2P	114	237.7	19.0	1	35.7	1517	21
FS InVision	FS 6595V RIB ↗	VT2P	115	237.3	19.1	1	34.8	1513	23
Great Heart	HT-7499TRE ↗	TRE	114	237.0	18.7	1	35.7	1514	22
Integra	6410 VT2PRIB ↗	VT2P	114	236.9	17.9	1	33.9	1519	20
FS InVision	FS 6625V RIB ↗	VT2P	116	236.1	18.3	1	35.7	1511	25
Golden Harvest	G12S75-D ↗	D	112	235.3	20.6	1	33.9	1490	30
AgVenture	AV7913AM ↗	AM	113	234.9	17.4	1	33.9	1510	26
Wyffels	W8306 ↗	VT2P	115	233.6	18.7	1	35.7	1493	28
FS InVision	FS 6306T RIB ↗	TRE	113	232.8	15.9	1	36.6	1507	27
NuTech	73A6Q ↗	QR	113	232.3	17.4	1	36.6	1493	29
FS InVision	FS 6627T RIB ↗	TRE	116	232.0	18.0	1	35.7	1487	31
PIONEER	P1108Q CK	QR	111	239.2	17.6	1	35.7	1536	18
				Averages =	234.3	18.2	1	35.6	1501
				LSD (0.10) =	10.6	0.7	ns		
				LSD (0.25) =	5.6	0.4	ns		
Nathan Roux				C.V. =	4.3				
nathan.g.roux@gmail.com, (815) 716-3794									Historic yield: new site

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

Report Date: 10/20/2022

† 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

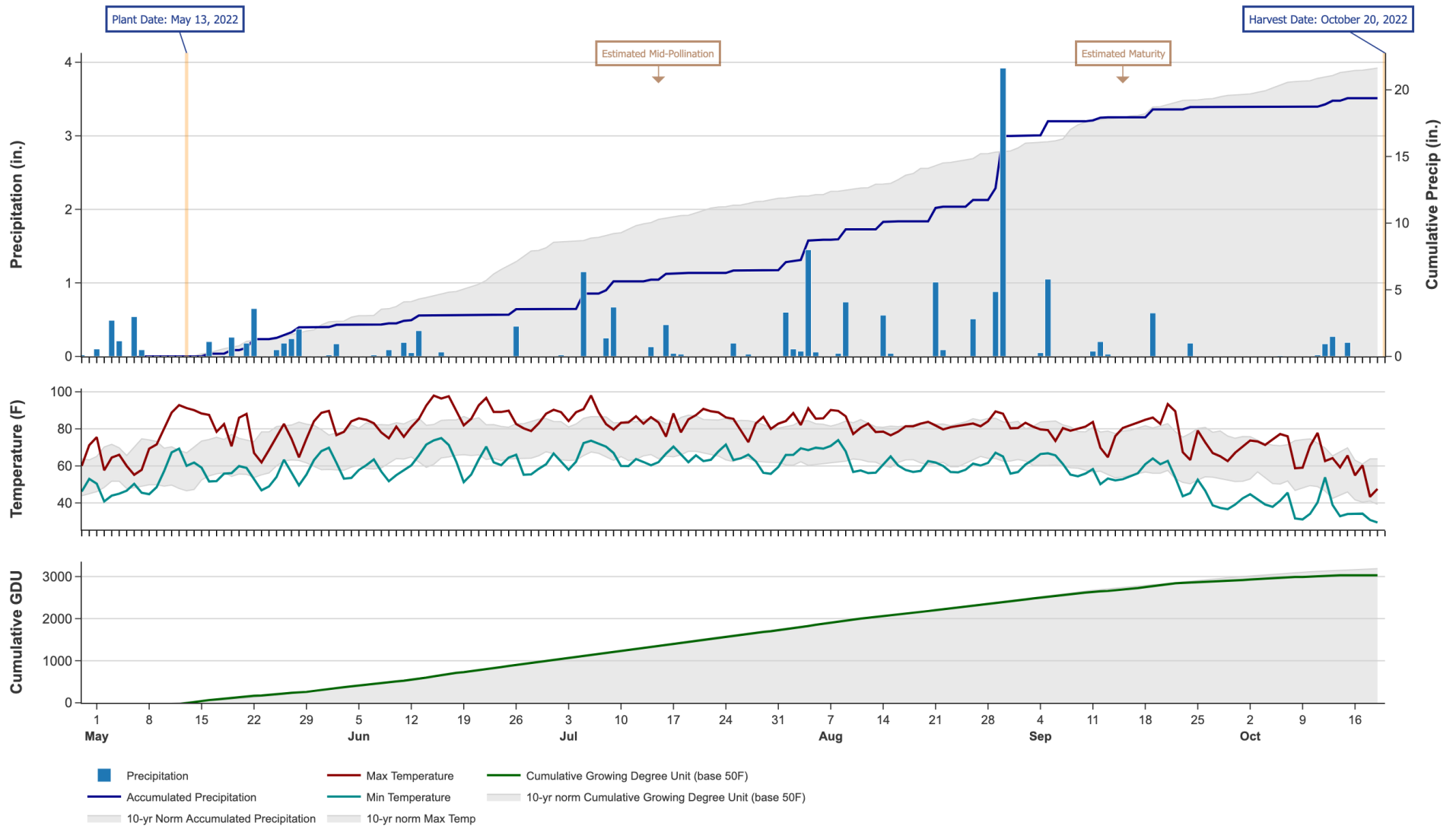
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2022 Corn - Illinois East Central [ILEC]

Weather Conditions Summary at PENFIELD, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.0 0.6 (-0.6)	3.6 4.4 (-0.8)	1.4 5.8 (-4.4)	2.9 3.7 (-0.8)	10.1 3.6 (+6.5)	2.2 4.2 (-2.0)	0.7 2.0 (-1.3)	20.8 24.2 (-3.4)
GDU Normal (Diff)	17 13 (+3)	466 442 (+23)	668 680 (-12)	744 756 (-12)	694 696 (-2)	492 543 (-51)	123 198 (-75)	3204 3331 (-127)



* 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.