

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2022 Corn Grain Top 30 Harvest Report

North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]
CHADWICK, IL
Tom Fink, Carroll County, IL

Early-Season Test	101 - 107 Day CRM B2022NCTS07a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Acuron, Atrazine, Roundup
SOIL DESCRIPTION:	Osco silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.1 pH, 3.8% OM, 18.4 CEC
PEST MANAGEMENT:	Acuron, Roundup, Trivapro (2), Hero, Force
FERTILITY - Applied N:	27 Fall, 200 Spring
Applied N-P-K (units):	227-69-150
SEEDED - RATE - ROW:	May 15 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 3 35.7 /A

TEST COMMENTS:

This location was planted in mid-May when soil conditions were almost ideal. It rained almost 6 hours after planting and continued to do so all season long. Plants had nice healthy stalks and still solid ear shanks. Pollination produced some nice girthy ears with good length to them as well. Most hybrids had a nice deep kernel set as well. There was some Tar Spot present on the leaves but appeared too late to affect yield.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK625DGVT2P ↗	VT2PDG	104	289.0	14.5	1	36.6	1878	1
Dairyland	DS-4219AM ↗	AM	102	282.9	15.1	1	33.9	1837	2
NuTech	66C2Q ↗	QR	106	280.3	16.7	1	37.5	1803	3
Jung	56SP543 ↗	STXP	106	276.5	16.0	1	34.8	1786	6
Wyffels	W4025 ↗	TRE	105	275.5	14.9	1	37.5	1791	4
Jung	57DP553 ↗	VT2P	107	275.3	15.6	1	35.7	1782	7
FS InVision	FS 5725X RIB ↗	STX	107	274.8	15.5	1	37.5	1781	9
Augusta	A3655 VT2P ↗	VT2P	104	274.1	14.1	1	34.8	1782	8
Wyffels	W4198RIB ↗	STX	106	273.7	17.1	1	36.6	1756	16
Renk	RK720TRE ↗	TRE	106	273.6	15.0	1	37.5	1778	10
Pioneer	P0339Q GC ↗	QR	103	272.8	15.7	1	36.6	1765	12
Cornelius	C6400DGDP ↗	VT2PDG	104	272.4	13.9	1	33.9	1771	11
FS InVision	FS 5594X RIB ↗	STX	105	272.0	15.6	1	35.7	1761	14
Cornelius	C6525SSP ↗	STXP	105	271.3	15.1	1	36.6	1762	13
Dairyland	DS-4510Q ↗	QR	105	271.0	15.2	1	33.9	1759	15
Renk	RK710DGVT2P ↗	VT2PDG	107	270.9	15.7	1	36.6	1753	18
FS InVision	FS 5525VDG RIB ↗	VT2P	105	270.2	14.2	1	34.8	1756	17
Cornelius	C6401SS ↗	STX	104	269.2	14.6	1	34.8	1750	19
Jung	56SS538 ↗	STX	106	268.9	16.6	1	35.7	1731	21
Stone	0603SP ↗	STXP	106	268.6	16.4	1	36.6	1731	22
NuTech	65B2Q ↗	QR	105	267.7	15.8	1	34.8	1731	23
Brevant	B01Z88AM GC ↗	AM	101	267.3	14.8	1	34.8	1737	20
Cornelius	C6724SS ↗	STX	107	266.5	16.1	1	35.7	1720	25
NuTech	64B5Q ↗	QR	104	265.2	15.2	1	35.7	1721	24
Golden Harvest	G06A27-D ↗	D	106	262.6	17.1	1	34.8	1685	29
Renk	RK615SSTX ↗	STX	102	262.2	15.0	1	36.6	1704	26
NK Brand	NK0696-D ↗	D	106	262.0	17.0	1	35.7	1682	30
Channel	202-24STXRIB GC ↗	STX	102	261.5	14.4	1	35.7	1700	27
Wyffels	W5086RIB ↗	VT2P	107	261.4	15.7	1	36.6	1691	28
Dairyland	DS-4567Q ↗	QR	105	260.8	16.3	1	34.8	1682	31
PIONEER	P0720Q CK	QR	107	277.9	16.5	1	36.6	1789	5
				Averages =	263.5	15.5	1	35.7	1705
				LSD (0.10) =	9.2	0.5	ns		
				LSD (0.25) =	4.8	0.3	ns		
				C.V. =	3.3				
Jason Beyers				Historic yield: 198.03 bu/a, 1 yr(s)					
beyers@frontiernet.net, (815) 493-9005									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.50

Report Date: 11/03/2022

† 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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CHADWICK, IL

Tom Fink, Carroll County, IL

Full-Season Test	108 - 111 Day CRM B2022NCTS07b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Acuron, Atrazine, Roundup
SOIL DESCRIPTION:	Osco silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.1 pH, 3.8% OM, 18.4 CEC
PEST MANAGEMENT:	Acuron, Roundup, Trivapro (2), Hero, Force
FERTILITY - Applied N:	27 Fall, 200 Spring
Applied N-P-K (units):	227-69-150
SEEDED - RATE - ROW:	May 15 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 3 35.2 /A

TEST COMMENTS:

This location was planted in mid-May when soil conditions were almost ideal. It rained almost 6 hours after planting and continued to do so all season long. Plants had nice healthy stalks and still solid ear shanks. Pollination produced some nice girthy ears with good length to them as well. Most hybrids had a nice deep kernel set as well. There was some Tar Spot present on the leaves but appeared too late to affect yield.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D48SS50RIB ↗	STX	108	300.4	17.6	1	36.6	1921	1
Dairyland	DS-5144Q ↗	QR	111	298.5	18.0	1	36.6	1904	2
Wyffels	W5778RIB ↗	STX	109	292.5	18.0	1	35.7	1867	3
Integra	6061 TRERIB ↗	TRE	110	291.2	20.3	1	33.1	1831	7
Cornelius	C6936SS ↗	STX	109	290.6	17.7	1	34.8	1857	4
Renk	RK826VT2P ↗	VT2P	111	289.5	18.5	1	34.8	1842	5
FS InVision	FS 5815V RIB ↗	VT2P	108	286.2	16.9	1	35.7	1839	6
NuTech	68A9AM ↗	AM	108	285.9	17.9	1	33.9	1826	8
Renk	RK774VT2P ↗	VT2P	108	284.4	17.2	1	34.8	1823	9
Dairyland	DS-4878AM ↗	AM	108	284.2	18.1	1	33.9	1812	10
Renk	RK801SSTX ↗	STX	110	284.1	18.7	1	34.8	1805	11
Jung	61SS613 ↗	STX	111	282.6	18.5	1	34.8	1797	13
Cornelius	C7021DP ↗	VT2P	110	282.2	17.6	1	35.7	1805	12
Dairyland	DS-4917AM ↗	AM	109	281.6	18.0	1	33.9	1796	14
Wyffels	W6935 ↗	TRE	111	281.6	18.5	1	37.5	1791	15
NuTech	70F6Q ↗	QR	110	281.1	18.2	1	36.6	1791	16
DeKalb	DKC111-33RIB GC ↗	STXP	111	280.3	18.7	1	37.5	1780	19
Pioneer	P0924Q GC ↗	QR	109	279.7	18.6	1	36.6	1777	21
Burrus	POWER PLUS 5F17Q ↗	QR	110	279.4	17.6	1	34.8	1787	17
Burrus	POWER PLUS 5L44AM ↗	AM	110	278.7	18.5	1	36.6	1773	22
Integra	5802 VT2PRIB ↗	VT2P	108	278.5	17.9	1	34.8	1778	20
Renk	RK700SSTX ↗	STX	108	277.8	17.1	1	35.7	1782	18
NK Brand	NK1188-D ↗	D	111	276.2	19.4	1	34.8	1746	26
Wyffels	W6978RIB ↗	STX	111	273.4	17.9	1	36.6	1745	27
Wyffels	W6826RIB ↗	VT2P	111	273.2	17.6	1	36.6	1748	25
Augusta	A4961-5122-EZ GC ↗	D	111	272.8	19.6	1	34.8	1723	28
FS InVision	FS 6017V RIB ↗	VT2P	110	272.0	16.6	1	34.8	1750	24
Dyna-Gro	D51SS61 ↗	STX	111	270.9	18.9	1	36.6	1719	29
FS InVision	FS 6025X RIB ↗	STX	110	270.7	18.8	1	35.7	1718	30
Jung	58DP562 ↗	VT2P	108	268.5	17.7	1	35.7	1717	31
PIONEER	P0720Q CK	QR	107	272.9	17.1	1	36.6	1751	23
				Averages =	275.7	18.4	1	35.2	1755
				LSD (0.10) =	8.5	0.6	ns		
				LSD (0.25) =	4.5	0.3	ns		
				C.V. =	2.9				
				Historic yield: 198.03 bu/a, 1 yr(s)					

Jason T. Beyers

Jason Beyers

beyers@frontiernet.net, (815) 493-9005

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.50

Report Date: 11/03/2022

† 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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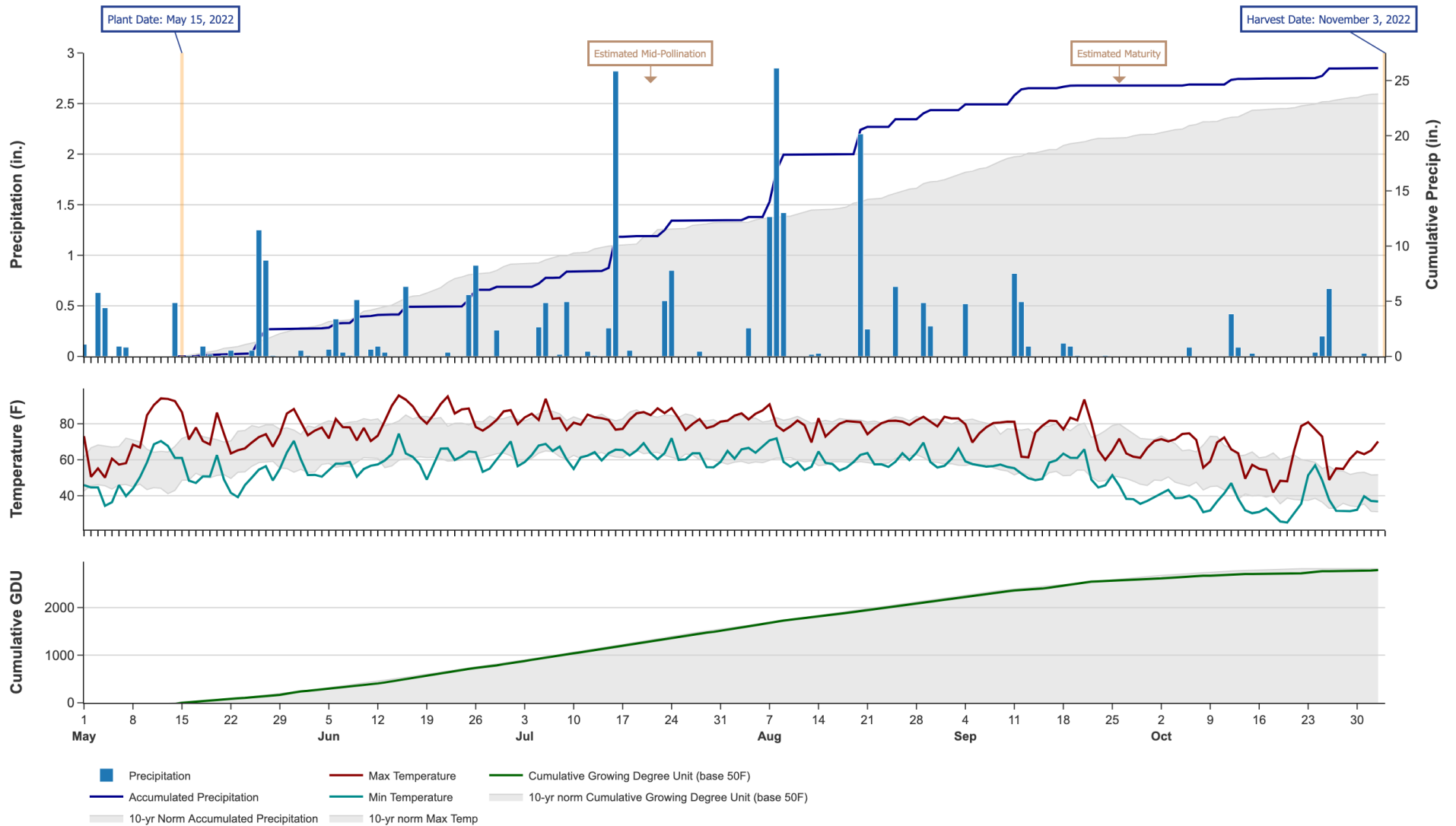
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2022 Corn - North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]

Weather Conditions Summary at CHADWICK, IL

Weather Data Retrieved: 11/03/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	4.4 4.9 (-0.5)	3.8 5.7 (-1.9)	6.0 4.0 (+2.1)	10.0 3.7 (+6.2)	2.2 4.3 (-2.0)	1.6 3.5 (-2.0)	0.0 0.1 (-0.1)	28.1 26.2 (+1.8)
GDU Normal (Diff)	403 361 (+41)	591 605 (-14)	699 709 (-10)	643 644 (-1)	439 460 (-21)	178 164 (+13)	18 0 (+18)	2971 2945 (+25)



* 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 - North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1956	PC,E	N	106	AC,P5V
Augusta	A22-250 GC	AA	Y	100	CM,C2
Augusta	A2856-5222-EZ GC	DV	Y	106	CM,C2
Augusta	A3655 VT2P	VT2P	N	104	AC250
Brevant	B00M18AM GC	AM1	Y	100	Lum, L1
Brevant	B01Z88AM GC	AM	Y	101	Lum, L1
Burrus	POWER PLUS 2J67Q	QR	Y	105	Lum, L1
Channel	202-24STXRIB GC	STX	Y	102	AC,P5V,EDC-B
Cornelius	C6400DGDP	VT2PDG	N	104	CM,C2,Vi
Cornelius	C6401SS	STX	N	104	CM,C2,Vi
Cornelius	C6525SSP	STXP	N	105	AC,P5V,EDC-B
Cornelius	C6724SS	STX	N	107	AC,P5
Dairyland	DS-4018AM	AM	Y	101	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
Dairyland	DS-4510Q	QR	Y	105	Lum, L1
Dairyland	DS-4567Q	QR	Y	105	Lum, L1
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V
FS InVision	FS 5125L1A EZR	AA	Y	101	CM,C2,Vi
FS InVision	FS 5525VDG RIB	VT2P	Y	105	AC,P2
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
Golden Harvest	G06A27-D	D	Y	106	AVC,C2,Vi,Va
Golden Harvest	G07G73-AA	AA	Y	107	AVC,C2,Vi,Va
Jung	56SP543	STXP	Y	106	AC,P5V,B360
Jung	56SS538	STX	Y	106	AC,P5V,B360
Jung	57DP553	VT2P	Y	107	AC,P5,B360
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
NK Brand	NK0748-D	D	Y	107	AVC,C2,Vi,Va
NuTech	64B5Q	QR	Y	104	Lum, L1
NuTech	64D1AM	AM,AQ	Y	104	Lum, L1
NuTech	65B2Q	QR	Y	105	Lum, L1
NuTech	66C2Q	QR	Y	106	Lum, L1
Pioneer	P0339Q GC	QR	Y	103	Lum, L1
Pioneer	P0720Q CK	QR	Y	107	Lum, L1
Renk	RK615SSTX	STX	Y	102	AC,P5V
Renk	RK625DGVT2P	VT2PDG	N	104	AC,P2
Renk	RK710DGVT2P	VT2PDG	Y	107	AC,P2
Renk	RK715SSTX	STX	Y	105	AC,P5V
Renk	RK720TRE	TRE	N	106	AC,P5V
Stone	0403SP	STXP	Y	104	AC,P5V,EDC-B
Stone	0603SP	STXP	Y	106	AC,P5V,EDC-B
Wyffels	W2656	VT2P	N	101	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W4025	TRE	N	105	AC,P2
Wyffels	W4198RIB	STX	Y	106	AC,P2
Wyffels	W5086RIB	VT2P	Y	107	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.

2022 Corn - North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-3330GT GC	VZ	N	109	CM,C2
Augusta	A4961-5122-EZ GC	D	Y	111	AC,P5
Burrus	POWER PLUS 5F17Q	QR	Y	110	Lum, L1
Burrus	POWER PLUS 5L44AM	AM	Y	110	BPS
Burrus	POWER PLUS 5U63AM	AM	Y	111	Lum, L1
Cornelius	C6936SS	STX	N	109	CM,C2,Vi
Cornelius	C7021DP	VT2P	N	110	AC,P5V,EDC-B
Dairyland	DS-4878AM	AM	Y	108	Lum, L1
Dairyland	DS-4917AM	AM	Y	109	Lum, L1
Dairyland	DS-5095AM	AM	Y	110	Lum, L1
Dairyland	DS-5144Q	QR	Y	111	Lum, L1
Dairyland	DS-5161Q	QR	Y	111	Lum, L1
DeKalb	DKC111-33RIB GC	STXP	Y	111	AC,P5V,EDC-B
Dyna-Gro	D48SS50RIB	STX	Y	108	AC,P5V
Dyna-Gro	D51SS61	STX	N	111	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	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
Golden Harvest	G10D21-VZ	VZ	Y	110	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	5939 STXRIB	STX	Y	109	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
Jung	58DP562	VT2P	Y	108	AC,P5,B360
Jung	59SP573	STXP	Y	109	AC,P5V,B360
Jung	61SS613	STX	Y	111	AC,P5V,B360
NK Brand	NK1026-DVZ	VZ	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	68A9AM	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	P0720Q CK	QR	Y	107	Lum, L1
Pioneer	P0924Q GC	QR	Y	109	Lum, L1
Renk	RK700SSTX	STX	N	108	AC,P5V
Renk	RK774VT2P	VT2P	N	108	AC,P2
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Renk	RK826VT2P	VT2P	N	111	AC,P2
Wyffels	W5778RIB	STX	Y	109	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6826RIB	VT2P	Y	111	AC,P2
Wyffels	W6935	TRE	N	111	AC,P2
Wyffels	W6978RIB	STX	Y	111	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®
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)
AQ	Optimum® AQUAmax®
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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
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
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B360	Acceleron® Poncho 500/Votivo with B-360 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+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®
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum, L1	(2022) LumiGEN, Lumisure 1250

* Seed treatments may include unspecified plant health promoting components.