

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

2022 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] FOX LAKE, WI
Kirk Warmka, Dodge County, WI 53916

Early-Season Test	93 - 98 Day CRM B2022WICE44a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / N/A
SOIL DESCRIPTION:	Lomira/St. Charles silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, low P, very high K, 6.9 pH, 3.1% OM, 14.7 CEC
PEST MANAGEMENT:	Halex Gt, Infantry, Force
FERTILITY - Applied N:	94 Spring, 70 Foliar Rescue
Applied N-P-K (units):	164-0-90
SEEDED - RATE - ROW:	May 9 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 8 33.8 /A

TEST COMMENTS:

This was a nice plot that emerged really well and was nice and uniform at V3 stage. Good rainfall during most of the growing season made for the good yields that you see. Ears were long but not necessarily girthy. They did fill out close to the tip. Stalk quality was still excellent, but ear shanks were starting to become weak (as soon as the corn head touched the plant they would drop). Most of the tops were already blown out due to wind and there was a small amount of Tar Spot present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	T6398 TRE ↗	TRE	98	268.1	14.9	2	32.2	1743	1
Dairyland	DS-3477AM ↗	AM	94	264.4	14.7	1	33.9	1719	2
Augusta	A1946-3120 ↗	AA	95	259.6	14.8	2	33.1	1687	3
Mustang	48894 ↗	STX	94	256.8	14.3	2	33.1	1669	4
Renk	RK590VT2P ↗	VT2P	98	255.3	15.1	2	33.9	1658	5
Golden Harvest	G95M41-D ↗	D	95	255.1	15.2	4	34.8	1656	6
Jung	48SS443 ↗	STX	98	252.4	15.3	1	33.9	1638	7
Legacy	LC474-20 ↗	TRE	97	251.6	14.9	2	32.2	1635	8
Pioneer	P9823Q GC ↗	QR	98	251.2	14.9	1	33.1	1633	9
Jung	47DP429 ↗	VT2P	97	250.6	14.8	2	34.8	1629	10
NK Brand	NK9347-D ↗	D	93	249.3	14.8	1	33.1	1620	11
Dairyland	DS-3601AM ↗	AM	96	248.5	15.2	2	34.8	1613	12
Thunder	THX22-95 ↗	VT2P	95	247.4	14.9	2	34.8	1608	13
FS InVision	FS 4715V RIB ↗	VT2P	97	247.4	14.7	2	34.8	1608	14
Renk	RK502SSTX ↗	STX	95	247.1	14.2	1	34.8	1606	15
NK Brand	NK9874-V ↗	V	98	246.7	16.0	5	35.7	1594	18
Jung	46DP433 ↗	VT2P	96	246.5	14.8	1	33.9	1602	16
Augusta	A2148-3220-EZ ↗	V	98	246.5	16.1	2	34.8	1592	19
Legacy	LC451-21 ↗	VT2P	95	246.3	15.1	1	33.9	1600	17
Integra	4702 VT2PRIB ↗	VT2P	97	244.8	14.4	2	33.9	1591	20
Channel	197-21VT2PRIB ↗	VT2P	97	244.8	14.8	2	33.9	1591	21
Golden Harvest	G97A36-V ↗	V	97	243.3	16.2	2	33.1	1570	24
Thunder	T8396 SS ↗	STX	96	242.5	15.6	5	33.9	1570	25
Integra	4601 VT2PRIB ↗	VT2P	96	242.3	14.6	4	33.9	1575	23
Dairyland	DS-3550AM ↗	AM	95	240.1	15.3	6	33.9	1558	26
Augusta	A2545-5222 ↗	DV	95	239.4	15.3	1	33.1	1554	27
Thunder	T6298 VT2P ↗	VT2P	98	239.0	14.6	4	34.8	1554	28
Channel	197-27STXRIB ↗	STX	97	238.3	15.0	2	33.9	1549	29
Channel	193-91STXRIB ↗	STX	93	238.1	14.5	2	33.1	1548	30
Thunder	T6397 AA ↗	AA	97	238.1	14.9	1	34.8	1548	31
PIONEER	P9998Q CK	QR	99	242.8	15.3	2	34.8	1575	22
				Averages =	242.6	14.9	2	33.8	1576
				LSD (0.10) =	14.2	0.4	ns		
				LSD (0.25) =	7.5	0.2	ns		
				C.V. =	5.6				
Jason Beyers				Historic yield: 221.36 bu/a, 10 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: 11/08/2022

† 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

Wisconsin Central [WICE] FOX LAKE, WI
Kirk Warmka, Dodge County, WI 53916

Full-Season Test	99 - 102 Day CRM B2022WICE44b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / N/A
SOIL DESCRIPTION:	Lomira/St. Charles silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, low P, very high K, 6.9 pH, 3.1% OM, 14.7 CEC
PEST MANAGEMENT:	Halex Gt, Infantry, Force
FERTILITY - Applied N:	94 Spring, 70 Foliar Rescue
Applied N-P-K (units):	164-0-90
SEEDED - RATE - ROW:	May 9 35.4 /A 30" spacing
HARVESTED - STAND:	Nov 8 33.5 /A

TEST COMMENTS:

This was a nice plot that emerged really well and was nice and uniform at V3 stage. Good rainfall during most of the growing season made for the good yields that you see. Ears were long but not necessarily girthy. They did fill out close to the tip. Stalk quality was still excellent, but ear shanks were starting to become weak (as soon as the corn head touched the plant they would drop). Most of the tops were already blown out due to wind and there was a small amount of Tar Spot present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-4219AM ↗	AM	102	285.7	17.7	1	32.2	1827	1
Integra	5280 VT2PRIB ↗	VT2P	102	281.3	16.4	1	34.8	1813	2
FS InVision	FS 5125L1A EZR ↗	AA	101	280.9	16.4	1	33.1	1810	3
FS InVision	FS 5115X RIB ↗	STX	101	280.0	17.5	1	34.8	1792	4
Renk	RK615SSTX ↗	STX	102	278.5	17.4	1	33.1	1784	5
Augusta	A1849-5122-EZ ↗	D	99	276.4	17.4	2	33.1	1770	9
FS InVision	FS 5098V RIB ↗	VT2P	100	275.9	16.5	5	34.8	1777	6
Jung	50DT503 ↗	TRE	100	274.8	16.4	6	33.1	1771	8
Latham	LH 4937 VT2P RIB ↗	VT2P	99	273.9	15.5	1	33.9	1775	7
Jung	51SP513 ↗	STXP	101	272.5	17.0	1	32.2	1749	11
Integra	5052 VT2PRIB ↗	VT2P	100	270.5	16.6	5	33.1	1741	12
Jung	49DP441 ↗	VT2P	99	270.3	15.2	2	33.1	1755	10
Dairyland	DS-3959Q ↗	QR	99	269.6	16.7	1	32.2	1734	14
Brevant	B99A24AM GC ↗	AM1	99	269.5	16.8	5	34.8	1732	15
Mustang	62600 ↗	VT2P	100	268.8	15.6	3	33.9	1741	13
Renk	RK597SSPRO ↗	STXP	99	267.2	15.5	5	33.9	1732	16
Pioneer	P0075Q GC ↗	QR	100	266.5	16.8	1	33.1	1713	19
FS InVision	FS 4927T RIB ↗	TRE	99	265.8	15.9	2	33.1	1718	17
Legacy	LC-5217 SS ↗	STX	102	265.7	16.3	2	33.1	1713	20
Augusta	A2050 VT2P ↗	VT2P	100	265.5	16.0	5	33.9	1715	18
Legacy	LC511-21 ↗	STX	101	264.6	17.8	1	33.9	1690	21
Golden Harvest	G99A37-DV ↗	DV	99	261.8	16.2	2	33.9	1689	22
Legacy	LC-4248 SS ↗	STX	100	261.2	16.2	4	33.1	1686	23
Channel	200-42VT2PRIB ↗	VT2P	100	260.3	16.6	1	33.1	1676	25
Mustang	5800 ↗	STX	100	259.6	16.5	2	33.1	1671	27
Latham	LH 5047 VT2P RIB ↗	VT2P	100	259.1	15.4	2	34.8	1680	24
Dairyland	DS-4018AM ↗	AM	101	258.2	16.5	1	33.9	1663	29
Renk	RK579DGV2P ↗	VT2PDG	99	258.2	15.4	2	34.8	1674	26
Federal	5005 VT2P ↗	VT2P	100	258.2	15.8	1	32.2	1670	28
Federal	5120 TRE ↗	TRE	101	257.3	16.1	3	33.9	1661	30
PIONEER	P9998Q CK	QR	99	251.8	16.3	2	33.9	1624	37
				Averages =	262.9	16.5	2	33.5	1693
				LSD (0.10) =	12.8	0.5	ns		
				LSD (0.25) =	6.7	0.2	ns		
				C.V. =	4.6				
Jason Beyers				Historic yield: 221.36 bu/a, 10 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: 11/08/2022

† 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

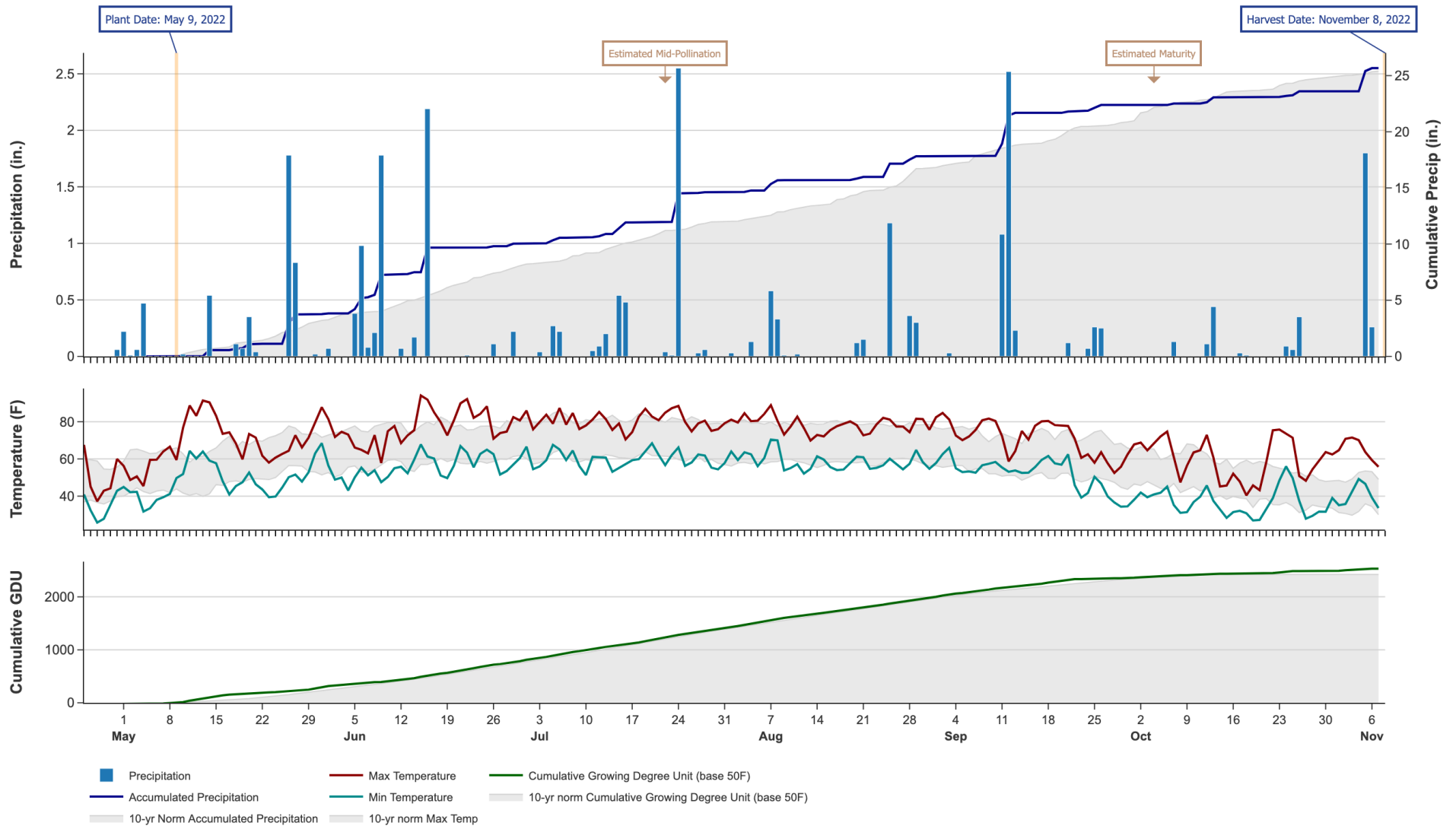
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2022 Corn - Wisconsin Central [WICE]

Weather Conditions Summary at FOX LAKE, WI

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.1 0.5 (-0.5)	4.5 4.6 (-0.1)	6.3 4.9 (+1.4)	4.6 3.9 (+0.7)	3.2 4.8 (-1.6)	4.6 4.1 (+0.5)	1.2 4.0 (-2.8)	2.1 0.5 (+1.5)	26.5 27.4 (-0.9)
GDU Normal (Diff)	14 0 (+14)	320 280 (+39)	489 518 (-29)	622 645 (-23)	573 575 (-2)	372 375 (-3)	141 85 (+55)	38 0 (+38)	2569 2482 (+86)



* 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 - Wisconsin Central [WICE]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1946-3120	AA	N	95	AC,P5V
Augusta	A2148-3220-EZ	V	Y	98	CM,C2
Augusta	A2545-5222	DV	N	95	CM,C2,Vi
Channel	193-91STXRIB	STX	Y	93	AC,P5V,EDC-B
Channel	195-51STXRIB	STX	Y	95	AC,P5V,EDC-B
Channel	197-21VT2PRIB	VT2P	Y	97	AC,P5V,EDC-B
Channel	197-27STXRIB	STX	Y	97	AC,P5V,EDC-B
Croplan	CP3980VT2P GC	VT2P	Y	99	CM,C2,Vi
Dairyland	DS-3366AM	AM	Y	93	Lum, L1
Dairyland	DS-3477AM	AM	Y	94	Lum, L1
Dairyland	DS-3550AM	AM	Y	95	Lum, L1
Dairyland	DS-3601AM	AM	Y	96	Lum, L1
Dairyland	DS-3727AM	AM	Y	97	Lum, L1
Federal	4520 VT2PDG	VT2PDG	N	95	AC,P2,MAG
FS InVision	FS 4507V RIB	VT2P	Y	95	AC,P2V
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V
Golden Harvest	G95M41-D	D	Y	95	AVC,C2,Vi,Va
Golden Harvest	G97A36-V	V	Y	97	AVC,C2,Vi,Va
Integra	4509 VT2PRIB	VT2P	Y	95	AC,P5V,SU+Zn
Integra	4601 VT2PRIB	VT2P	Y	96	AC,P5V,SU+Zn
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,SU+Zn
Jung	46DP433	VT2P	Y	96	AC,P5,B360
Jung	47DP429	VT2P	Y	97	AC,P2,B360
Jung	48SS443	STX	Y	98	AC,P5V,EDC-B
Latham	LH 4375 VT2P RIB	VT2P	Y	93	AC,P2
Latham	LH 4527 VT2P RIB	VT2P	Y	95	AC,P5V,EDC-B
Latham	LH 4657 VT2P RIB	VT2P	Y	96	AC,P2
Legacy	LC451-21	VT2P	N	95	AC,P2
Legacy	LC474-20	TRE	N	97	AC,P2
Legacy	LC482-21	VT2P	N	98	AC,P2V
Mustang	4397	TRE	Y	97	CM,C2,St,SU
Mustang	48894	STX	N	94	AC,P5V
NK Brand	NK9347-D	D	Y	93	AVC,C2,Vi,Va
NK Brand	NK9874-V	V	Y	98	AVC,C2,Vi,Va
Pioneer	P9823Q GC	QR	Y	98	Lum, L1
Pioneer	P9998Q CK	QR	Y	99	Lum, L1
Renk	RK444VT2P	VT2P	N	93	AC,P5V
Renk	RK502SSTX	STX	N	95	AC,P5V
Renk	RK561DGV2P	VT2PDG	N	95	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P2
Thunder	T6298 VT2P	VT2P	Y	98	AC,P2
Thunder	T6397 AA	AA	Y	97	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	T6398 TRE	TRE	Y	98	AC,P2
Thunder	T8396 SS	STX	Y	96	AC,P5V,EDC-B
Thunder	THX22-95	VT2P	Y	95	AC,P5V,EDC-B

* 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 - Wisconsin Central [WICE]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1849-5122-EZ	D	Y	99	AC250
Augusta	A2050 VT2P	VT2P	N	100	AC250
Augusta	A2150-5222-EZ	DV	Y	100	CM,C2,Vi
Augusta	A22-250	AA	Y	100	CM,C2,Vi
Augusta	A3052-5222-EZ	DV	Y	102	CM,C2,Vi
Brevant	B99A24AM GC	AM1	Y	99	Lum, L1
Channel	200-42VT2PRIB	VT2P	Y	100	AC,P5V,EDC-B
Channel	201-14VT2PRIB	VT2P	Y	101	AC,P5V,EDC-B
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-3959Q	QR	Y	99	Lum, L1
Dairyland	DS-4014Q	QR	Y	100	Lum, L1
Dairyland	DS-4018AM	AM	Y	101	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
Federal	5005 VT2P	VT2P	Y	100	AC,P2,MAG
Federal	5120 TRE	TRE	Y	101	AC,P2,MAG
FS InVision	FS 4927T RIB	TRE	Y	99	AC,P5V,EDC-EL
FS InVision	FS 5098V RIB	VT2P	Y	100	AC,P5V
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V
FS InVision	FS 5125L1A EZR	AA	Y	101	CM,C2,Vi
Golden Harvest	G00A97-AA	AA	Y	100	AVC,C2,Vi,Va
Golden Harvest	G99A37-DV	DV	Y	99	AVC,C2,Vi,Va
Integra	4993 TRERIB	TRE	N	99	AC,P5V
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,SU+Zn
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P5V,SU+Zn
Jung	49DP441	VT2P	Y	99	AC,P5,B360
Jung	50DT503	TRE	Y	100	AC,P5,B360
Jung	51SP513	STXP	Y	101	AC,P5V,EDC-B
Latham	LH 4937 VT2P RIB	VT2P	Y	99	AC,P2
Latham	LH 5047 VT2P RIB	VT2P	Y	100	AC,P2
Latham	LH 5209 DV	DV	Y	102	AVC,C2,Vi,Va
Latham	LH 5245 VT2P RIB	VT2P	Y	102	AC,P2
Legacy	LC-4248 SS	STX	Y	100	AC,P5V
Legacy	LC511-21	STX	Y	101	AC,P5V
Legacy	LC-5217 SS	STX	Y	102	AC,P5V
Mustang	52500	VT2P	N	100	Treated
Mustang	5800	STX	Y	100	CM,C2
Mustang	62600	VT2P	N	100	Treated
NK Brand	NK0007-AA	AA	Y	100	AVC,C2,Vi,Va
NK Brand	NK9922-DV	DV	Y	99	AVC,C2,Vi,Va
Pioneer	P0075Q GC	QR	Y	100	Lum, L1
Pioneer	P9998Q CK	QR	Y	99	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK597SSPRO	STXP	N	99	AC,P5V
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK615SSTX	STX	Y	102	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.

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)
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
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®

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,MAG	Acceleron® 250, Federal ArmourGuard
AC,P2V	Acceleron® Poncho 250/Votivo
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
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,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,St,SU	CruiserMaxx® 250, Stamina, StepUp
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.