

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

2022 Corn Grain Top 30 Harvest Report

Wisconsin Central [WICE] AUGUSTA, WI
Scott Randall, Eau Claire County, WI

Early-Season Test	93 - 98 Day CRM B2022WICE43a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Hell-Fire
SOIL DESCRIPTION:	Curran/Tell silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, low P, low K, 6.3 pH, 3.1% OM, 13.3 CEC
PEST MANAGEMENT:	Hell-Fire (2), Force
FERTILITY - Applied N:	25 Spring, 200 Foliar Rescue, dry cattle manure
Applied N-P-K (units):	225-70-100
SEEDED - RATE - ROW:	May 17 32.4 /A 30" spacing
HARVESTED - STAND:	Oct 29 30.1 /A

TEST COMMENTS:

The plot did not start off too well. It was no-till, corn on corn that received a 2" blanket of dry cattle manure 2 days before planting. This made it extremely difficult to control seed depth and trash removal. Stands were erratic throughout the plot. Plants were short due to the lack of rainfall (7" short for the growing season). The ears that were there did fill out nicely, but as you can imagine, moistures of the corn ranged a lot. The yield results had elevated variance but there were significant differences among the hybrids.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-3366AM ↗	AM	93	206.8	20.9	1	30.4	1296	1
Thunder	THX22-95 ↗	VT2P	95	189.7	24.5	1	29.5	1161	2
Pioneer	P9823Q GC ↗	QR	98	188.7	23.8	1	29.5	1160	3
Latham	LH 4527 VT2P RIB ↗	VT2P	95	182.0	24.9	1	30.4	1111	4
Jung	48SS443 ↗	STX	98	180.1	24.8	1	29.5	1100	7
FS InVision	FS 4715V RIB ↗	VT2P	97	179.3	24.0	1	29.5	1101	6
Legacy	LC451-21 ↗	VT2P	95	179.0	22.4	1	29.5	1111	5
Dairyland	DS-3727AM ↗	AM	97	167.1	24.3	1	30.4	1024	8
Augusta	A2148-3220-EZ ↗	V	98	166.1	23.9	1	30.4	1020	9
Golden Harvest	G97A36-V ↗	V	97	164.5	24.4	1	31.3	1007	10
Dairyland	DS-3550AM ↗	AM	95	164.4	25.0	1	29.5	1003	11
Thunder	T8396 SS ↗	STX	96	163.0	26.2	1	30.4	986	16
Channel	195-51STXRIB ↗	STX	95	161.9	25.2	1	30.4	987	15
Thunder	T6398 TRE ↗	TRE	98	160.3	23.2	1	30.4	989	13
NK Brand	NK9874-V ↗	V	98	160.1	25.4	1	31.3	974	18
FS InVision	FS 4507V RIB ↗	VT2P	95	159.7	21.0	1	30.4	1000	12
Latham	LH 4657 VT2P RIB ↗	VT2P	96	159.1	23.5	1	30.4	980	17
Augusta	A1946-3120 ↗	AA	95	157.7	24.8	1	29.5	963	19
Renk	RK444VT2P ↗	VT2P	93	155.1	24.3	1	29.5	950	20
Latham	LH 4375 VT2P RIB ↗	VT2P	93	151.3	20.8	1	31.3	949	21
Integra	4509 VT2PRIB ↗	VT2P	95	151.0	26.6	1	30.4	912	24
Dairyland	DS-3477AM ↗	AM	94	150.7	21.5	1	29.5	940	22
Jung	47DP429 ↗	VT2P	97	148.6	23.7	1	30.4	914	23
Channel	193-91STXRIB ↗	STX	93	146.6	22.1	1	30.4	911	25
Channel	197-27STXRIB ↗	STX	97	145.7	25.9	1	30.4	883	26
Renk	RK590VT2P ↗	VT2P	98	140.5	24.4	1	29.5	860	27
Croplan	CP3980VT2P GC ↗	VT2P	99	137.3	24.3	1	30.4	842	28
Legacy	LC482-21 ↗	VT2P	98	136.6	23.4	1	29.5	842	29
Renk	RK561DGVT2P ↗	VT2PDG	95	135.6	23.8	1	29.5	833	30
Integra	4601 VT2PRIB ↗	VT2P	96	132.4	20.8	1	29.5	830	31
PIONEER	P9998Q CK	QR	99	162.5	25.4	1	30.4	988	14
				Averages =	148.2	23.8	1	30.1	911
				LSD (0.10) =	23.9	2.4	ns		
				LSD (0.25) =	12.5	1.3	ns		
				C.V. =	15.3				
				Historic yield: new site					

Jason T. Beyers

Jason Beyers

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$6.50

Report Date: 10/29/2022

† 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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Wisconsin Central [WICE] AUGUSTA, WI
Scott Randall, Eau Claire County, WI

Full-Season Test	99 - 102 Day CRM B2022WICE43b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Hell-Fire
SOIL DESCRIPTION:	Curran/Tell silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, low P, low K, 6.3 pH, 3.1% OM, 13.3 CEC
PEST MANAGEMENT:	Hell-Fire (2), Force
FERTILITY - Applied N:	25 Spring, 200 Foliar Rescue, dry cattle manure
Applied N-P-K (units):	225-70-100
SEEDED - RATE - ROW:	May 17 32.4 /A 30" spacing
HARVESTED - STAND:	Oct 29 30.1 /A

TEST COMMENTS:

The plot did not start off too well. It was no-till, corn on corn that received a 2" blanket of dry cattle manure 2 days before planting. This made it extremely difficult to control seed depth and trash removal. Stands were erratic throughout the plot. Plants were short due to the lack of rainfall (7" short for the growing season). The ears that were there did fill out nicely, but as you can imagine, moistures of the corn ranged a lot. The yield results had elevated variance but there were significant differences among the hybrids.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Federal	5005 VT2P ↗	VT2P	100	211.7	24.6	1	29.5	1294	1
Augusta	A2050 VT2P ↗	VT2P	100	189.5	22.7	1	31.3	1173	2
Channel	201-14VT2PRIB ↗	VT2P	101	184.1	25.0	1	30.4	1123	3
Dairyland	DS-3900AM ↗	AM	99	179.3	25.0	1	29.5	1094	4
Renk	RK597SSPRO ↗	STXP	99	178.0	25.0	1	31.3	1086	5
FS InVision	FS 5098V RIB ↗	VT2P	100	176.6	25.1	1	30.4	1076	6
Augusta	A22-250 ↗	AA	100	174.6	26.0	1	30.4	1058	7
Mustang	5800 ↗	STX	100	173.9	26.7	1	30.4	1049	9
Jung	50DT503 ↗	TRE	100	170.3	22.9	1	29.5	1053	8
Dairyland	DS-4018AM ↗	AM	101	170.2	27.1	1	29.5	1024	12
Renk	RK600VT2P ↗	VT2P	100	168.2	25.0	1	31.3	1026	11
Channel	200-42VT2PRIB ↗	VT2P	100	167.4	24.1	1	29.5	1027	10
Renk	RK615SSTX ↗	STX	102	166.7	26.8	1	29.5	1005	14
Renk	RK579DGV2P ↗	VT2PDG	99	166.0	24.8	1	29.5	1014	13
NK Brand	NK0007-AA ↗	AA	100	163.2	26.4	1	31.3	986	16
FS InVision	FS 4927T RIB ↗	TRE	99	161.3	23.0	1	30.4	997	15
Golden Harvest	G99A37-DV ↗	DV	99	159.6	27.2	1	30.4	960	19
Latham	LH 4937 VT2P RIB ↗	VT2P	99	159.0	24.1	1	29.5	976	18
NK Brand	NK9922-DV ↗	DV	99	158.7	26.6	1	30.4	958	20
FS InVision	FS 5115X RIB ↗	STX	101	158.0	26.5	1	29.5	954	23
Augusta	A1849-5122-EZ ↗	D	99	157.0	25.2	1	29.5	956	22
Brevant	B99A24AM GC ↗	AM1	99	156.5	21.4	1	30.4	977	17
Legacy	LC-5217 SS ↗	STX	102	156.3	27.2	1	31.3	940	24
Mustang	52500 ↗	VT2P	100	156.2	24.2	1	30.4	958	21
Integra	5280 VT2PRIB ↗	VT2P	102	156.1	27.7	1	30.4	935	25
Latham	LH 5245 VT2P RIB ↗	VT2P	102	155.1	26.8	1	30.4	935	26
Latham	LH 5209 DV ↗	DV	102	154.4	28.1	1	30.4	923	29
FS InVision	FS 5125L1A EZR ↗	AA	101	153.6	27.0	1	29.5	925	27
Mustang	62600 ↗	VT2P	100	153.0	26.5	1	31.3	924	28
Dairyland	DS-4014Q ↗	QR	100	150.2	27.3	1	30.4	903	31
PIONEER	P9998Q CK	QR	99	150.2	25.9	1	29.5	911	30
				Averages =	156.5	25.9	1	30.1	949
				LSD (0.10) =	19.1	1.5	ns		
				LSD (0.25) =	10.0	0.8	ns		
				C.V. =	11.6				

Jason Beyers

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Historic yield: new site

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

Report Date: 10/29/2022

† 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

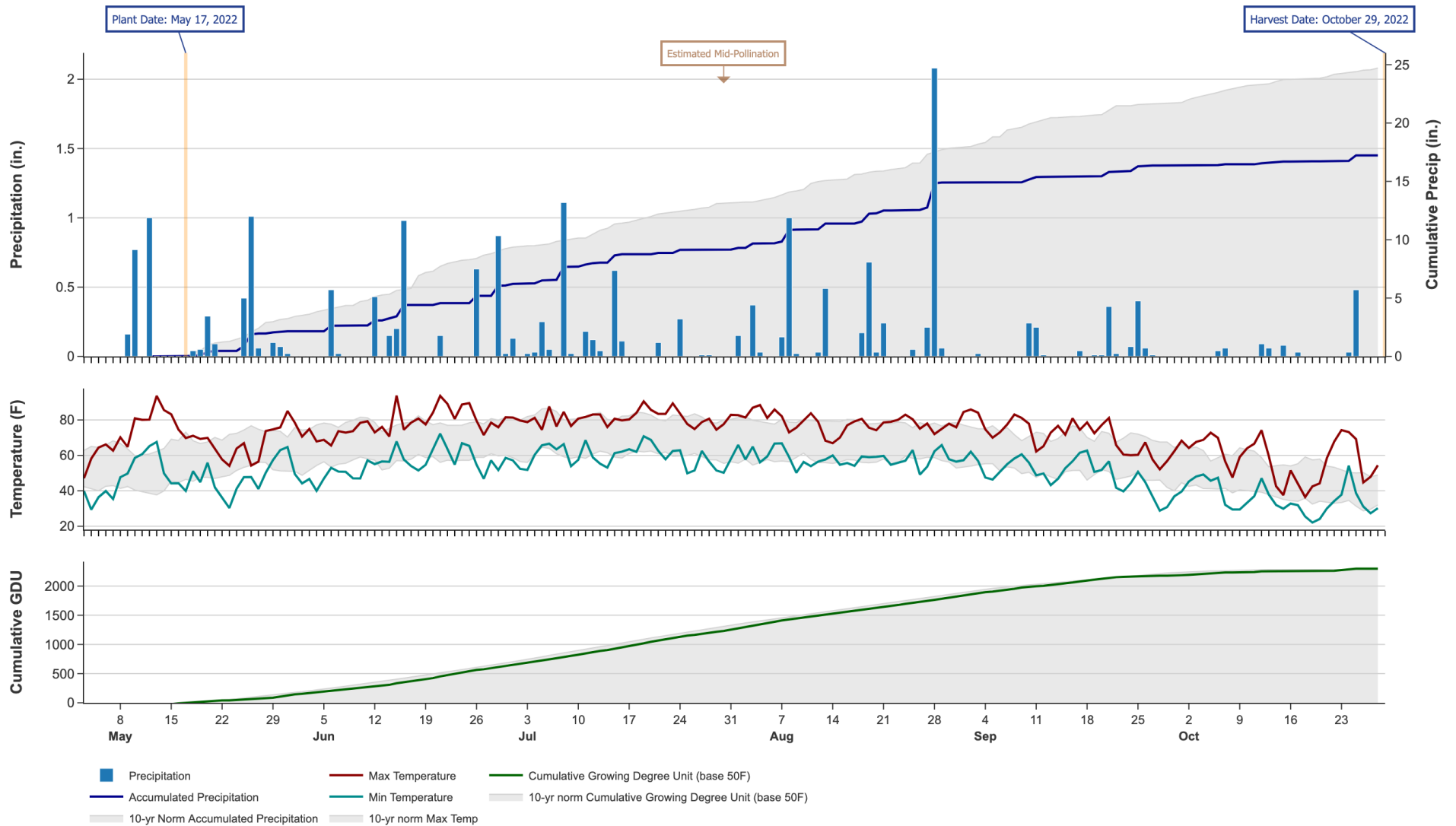
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2022 Corn - Wisconsin Central [WICE]

Weather Conditions Summary at AUGUSTA, WI

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	4.1 5.0 (-0.9)	3.9 6.0 (-2.1)	3.1 3.9 (-0.8)	5.8 4.7 (+1.0)	1.5 3.9 (-2.4)	0.9 3.0 (-2.1)	19.2 26.4 (-7.3)
GDU Normal (Diff)	310 266 (+43)	496 519 (-23)	625 646 (-21)	567 554 (+12)	360 345 (+14)	121 54 (+66)	2479 2386 (+92)



* 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	VT2P	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	RK561DGVT2P	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.