

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

2022 Corn Grain Top 30 Harvest Report

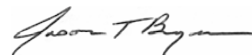
Wisconsin Central [WICE] TOMAH, WI
Nathan Bell, Juneau County, WI 54618

Early-Season Test	93 - 98 Day CRM B2022WICE47a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua, Roundup, Flexstar
SOIL DESCRIPTION:	Jackson silt loam, well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.9 pH, 1.4% OM, 6.7 CEC
PEST MANAGEMENT:	Callisto, Matolachlor, Atrazine, Veltyma, Force
FERTILITY - Applied N:	90 Spring, 15 Sidedress, 70 Foliar Rescue
Applied N-P-K (units):	175-39-93
SEEDED - RATE - ROW:	May 16 35.4 /A 30" spacing
HARVESTED - STAND:	Oct 30 33.7 /A

TEST COMMENTS:

A good location that was planted in the middle of May. Emergence was excellent and plants were nice and uniform at the V3 stage. Rainfalls all seemed to come at the correct times. Pollination was good as well, filling most hybrids to the tips of the ears. Plant health at harvest was still strong as were ear shanks. There was very little disease present on the plants. Overall a nice uniform location.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-3727AM ↗	AM	97	249.8	20.9	1	33.1	1564	1
Augusta	A1946-3120 ↗	AA	95	247.6	20.3	1	33.9	1557	2
Channel	197-21VT2PRIB ↗	VT2P	97	241.7	21.0	1	34.8	1513	4
Renk	RK444VT2P ↗	VT2P	93	240.5	20.5	1	32.2	1510	5
Augusta	A2148-3220-EZ ↗	V	98	240.3	20.4	1	33.9	1510	6
Renk	RK590VT2P ↗	VT2P	98	239.5	21.3	1	34.8	1496	8
Croplan	CP3980VT2P GC ↗	VT2P	99	237.2	21.5	1	33.1	1480	10
Latham	LH 4375 VT2P RIB ↗	VT2P	93	236.5	18.2	1	32.2	1507	7
Mustang	48894 ↗	STX	94	235.8	20.6	1	32.2	1480	11
Golden Harvest	G95M41-D ↗	D	95	235.2	19.8	1	33.9	1484	9
FS InVision	FS 4715V RIB ↗	VT2P	97	235.2	21.8	1	33.1	1465	14
Dairyland	DS-3550AM ↗	AM	95	233.7	20.4	1	33.9	1469	12
Thunder	THX22-95 ↗	VT2P	95	232.7	20.3	1	32.2	1463	15
Thunder	T6298 VT2P ↗	VT2P	98	232.2	22.1	1	33.9	1443	18
FS InVision	FS 4507V RIB ↗	VT2P	95	229.4	18.6	1	33.9	1458	16
Augusta	A2545-5222 ↗	DV	95	229.2	19.8	1	33.9	1446	17
Dairyland	DS-3477AM ↗	AM	94	229.2	17.3	1	33.1	1469	13
Channel	197-27STXRIB ↗	STX	97	226.4	21.1	1	33.1	1417	21
NK Brand	NK9347-D ↗	D	93	225.9	20.5	1	32.2	1418	20
Legacy	LC482-21 ↗	VT2P	98	225.8	18.8	1	33.9	1433	19
Jung	48SS443 ↗	STX	98	225.0	21.8	1	33.9	1401	26
Golden Harvest	G97A36-V ↗	V	97	224.5	21.3	1	33.9	1403	23
Channel	193-91STXRIB ↗	STX	93	223.9	20.2	1	33.9	1409	22
Latham	LH 4527 VT2P RIB ↗	VT2P	95	223.1	22.0	1	33.9	1388	29
Jung	47DP429 ↗	VT2P	97	222.9	20.3	1	34.8	1402	25
Pioneer	P9823Q GC ↗	QR	98	222.8	20.0	1	34.8	1403	24
Integra	4702 VT2PRIB ↗	VT2P	97	222.8	21.2	1	33.1	1393	28
Mustang	4397 ↗	VT2P	97	222.5	22.0	1	33.9	1384	30
Legacy	LC474-20 ↗	TRE	97	220.7	21.2	1	33.9	1380	31
Dairyland	DS-3366AM ↗	AM	93	220.6	19.0	1	33.9	1399	27
PIONEER	P9998Q CK	QR	99	245.5	20.8	1	33.9	1538	3
				Averages =	224.9	20.6	1	33.7	1411
				LSD (0.10) =	10.8	0.7	ns		
				LSD (0.25) =	5.7	0.4	ns		
				C.V. =	4.5				
				Historic yield: 214.51 bu/a, 10 yr(s)					



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: 10/30/2022

† 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] TOMAH, WI

Nathan Bell, Juneau County, WI 54618

Full-Season Test	99 - 102 Day CRM B2022WICE47b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua, Roundup, Flexstar
SOIL DESCRIPTION:	Jackson silt loam, well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.9 pH, 1.4% OM, 6.7 CEC
PEST MANAGEMENT:	Callisto, Matolachlor, Atrazine, Veltyma, Force
FERTILITY - Applied N:	90 Spring, 15 Sidedress, 70 Foliar Rescue
Applied N-P-K (units):	175-39-93
SEEDED - RATE - ROW:	May 16 35.4 /A 30" spacing
HARVESTED - STAND:	Oct 30 33.7 /A

TEST COMMENTS:

A good location that was planted in the middle of May. Emergence was excellent and plants were nice and uniform at the V3 stage. Rainfalls all seemed to come at the correct times. Pollination was good as well, filling most hybrids to the tips of the ears. Plant health at harvest was still strong as were ear shanks. There was very little disease present on the plants. Overall a nice uniform location.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Jung	50DT503 ↗	TRE	100	266.0	22.3	1	34.8	1652	1
FS InVision	FS 4927T RIB ↗	TRE	99	260.8	21.1	1	34.8	1631	2
Brevant	B99A24AM GC ↗	AM1	99	255.5	21.7	1	33.9	1593	3
NK Brand	NK0007-AA ↗	AA	100	255.4	24.0	1	33.9	1568	4
Latham	LH 5245 VT2P RIB ↗	VT2P	102	254.3	25.2	1	33.1	1549	5
Channel	200-42VT2PRIB ↗	VT2P	100	249.5	24.3	1	33.1	1529	7
Jung	49DP441 ↗	VT2P	99	248.7	23.2	1	33.1	1535	6
FS InVision	FS 5115X RIB ↗	STX	101	246.4	25.4	1	34.8	1499	13
Renk	RK579DGV2P ↗	VT2PDG	99	245.7	23.3	1	33.9	1515	9
Renk	RK597SSPRO ↗	STXP	99	245.3	21.9	1	33.9	1527	8
Dairyland	DS-4018AM ↗	AM	101	244.5	23.5	1	33.1	1506	11
Augusta	A2150-5222-EZ ↗	DV	100	243.6	24.5	1	33.9	1491	14
Mustang	62600 ↗	VT2P	100	242.4	25.2	1	33.9	1477	16
Jung	51SP513 ↗	STXP	101	241.4	26.3	1	33.1	1460	22
Latham	LH 5047 VT2P RIB ↗	VT2P	100	240.7	20.9	1	33.9	1507	10
Renk	RK600VT2P ↗	VT2P	100	239.7	23.4	1	33.1	1478	15
Federal	5120 TRE ↗	TRE	101	239.5	23.7	1	33.1	1474	17
Legacy	LC511-21 ↗	STX	101	239.4	24.8	1	33.1	1462	20
Integra	5280 VT2PRIB ↗	VT2P	102	239.3	24.4	1	33.1	1466	18
Golden Harvest	G00A97-AA ↗	AA	100	238.6	24.0	1	33.1	1465	19
Renk	RK615SSTX ↗	STX	102	238.3	24.9	1	33.9	1455	24
Augusta	A22-250 ↗	AA	100	236.6	23.0	1	33.1	1462	21
Pioneer	P0075Q GC ↗	QR	100	236.2	23.4	1	33.9	1456	23
Dairyland	DS-3900AM ↗	AM	99	233.9	22.2	1	34.8	1453	25
Channel	201-14VT2PRIB ↗	VT2P	101	233.4	25.1	1	34.8	1422	30
Integra	4993 TRERIB ↗	TRE	99	233.0	22.4	1	33.9	1446	26
Dairyland	DS-4219AM ↗	AM	102	232.3	23.0	1	33.9	1435	27
Integra	5052 VT2PRIB ↗	VT2P	100	232.2	23.2	1	33.1	1433	28
Augusta	A1849-5122-EZ ↗	D	99	230.4	22.5	1	34.8	1429	29
Augusta	A2050 VT2P ↗	VT2P	100	230.2	23.1	1	33.1	1422	31
PIONEER	P9998Q CK	QR	99	240.6	21.6	1	31.3	1500	12
				Averages =	236.3	23.5	1	33.7	1455
				LSD (0.10) =	9.0	0.7	ns		
				LSD (0.25) =	4.7	0.4	ns		
				C.V. =	3.6				
									Historic yield: 214.51 bu/a, 10 yr(s)

Jason T. Beyers

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$6.50

Report Date: 10/30/2022

† 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

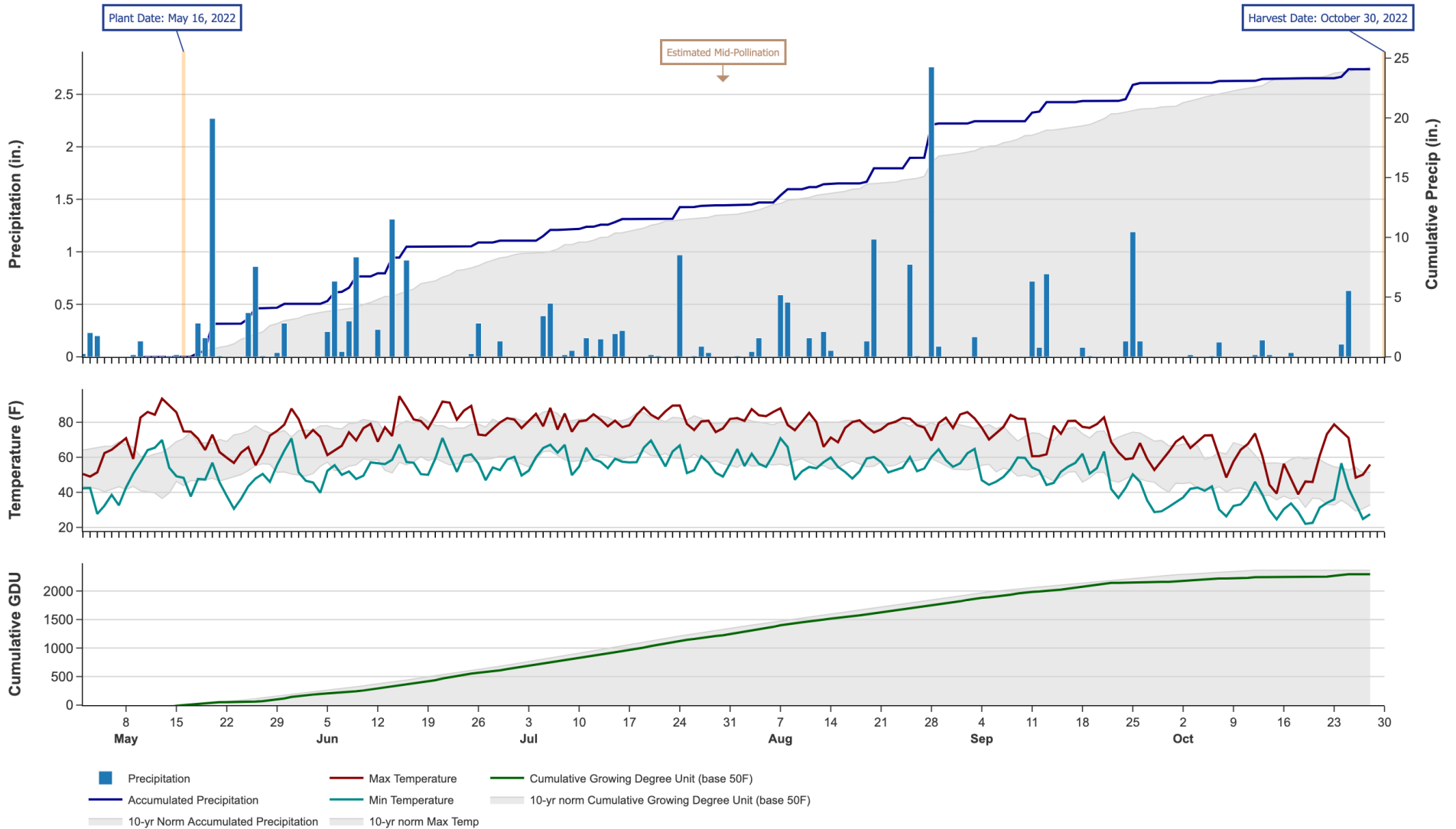
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2022 Corn - Wisconsin Central [WICE]

Weather Conditions Summary at TOMAH, WI

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	5.1 5.3 (-0.2)	5.3 5.2 (+0.1)	3.0 3.5 (-0.6)	6.8 5.0 (+1.8)	3.4 4.0 (-0.6)	1.2 3.3 (-2.2)	24.7 26.4 (-1.7)
GDU Normal (Diff)	324 289 (+34)	486 521 (-35)	613 645 (-32)	556 557 (-1)	361 370 (-9)	133 87 (+45)	2473 2471 (+1)



* 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

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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)
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.