

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

2023 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 B2023WICE44a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua, Roundup
SOIL DESCRIPTION:	Lomira/St. Charles silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.9 pH, 3.8% OM, 14.6 CEC
PEST MANAGEMENT:	Halex Gt, Atrazine, Force
FERTILITY - Applied N:	94 Spring, 60 Sidedress
Applied N-P-K (units):	154-0-90
SEEDED - RATE - ROW:	May 12 32.4 /A 30" spacing
HARVESTED - STAND:	Nov 1 29.0 /A

TEST COMMENTS:

This was a really nice looking plot all year long. Planting conditions were ideal and we were planted almost the first day that you could be in the fields in this area. There was not much rain in June, but the corn really rooted down and stayed healthy. Pollination was perfect, with nice full to the tip and girthy ears. For the most part stalk quality was still pretty good, with most of the stalk lodging due to the heavy ears. Diseases were minimal in this field.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK582SSTX ↗	STX	98	318.8	19.8	6	29.5	1469	1
Channel	193-40VT4PRIB ↗	VT4P	93	312.5	19.3	11	30.4	1444	2
Dairyland	DS-3881AM ↗	AM	98	309.5	21.2	1	27.7	1413	3
Jung	48SS443 ↗	STX	98	306.2	19.7	7	29.5	1411	4
Thunder	T6498 PC ↗	PCE	98	306.1	20.1	14	30.4	1407	5
Jung	48DT444 ↗	TRE	98	302.0	19.4	9	29.5	1395	7
Integra	4702 VT2PRIB ↗	VT2P	97	301.5	19.5	10	29.5	1392	8
Rob-See-Co	RC4779-PCE ↗	PCE	97	301.1	20.3	9	29.5	1382	11
Thunder	T6298 VT2P ↗	VT2P	98	301.1	18.6	29	29.5	1398	6
Rob-See-Co	RC4680-VT2P ↗	VT2P	96	300.9	19.1	11	27.7	1392	9
Legacy	LC465-23 ↗	PCE	96	300.8	20.2	17	30.4	1382	12
Legacy	LC454-22 ↗	VT2P	95	299.4	20.4	14	31.3	1374	14
Renk	RK485DGV2P ↗	VT2PDG	94	298.5	18.9	27	27.7	1383	10
Rob-See-Co	D98-43-TRE ↗	TRE	98	298.0	20.9	6	27.7	1363	17
Renk	RK571PWE ↗	PCE	96	297.6	19.9	17	29.5	1370	15
FS InVision	FS 4927T RIB ↗	TRE	99	297.4	20.3	1	29.5	1365	16
Legacy	LC474-23 ↗	PCE	97	295.8	20.9	9	28.6	1353	20
FS InVision	FS 4715V RIB ↗	VT2P	97	293.7	20.0	10	28.6	1351	21
Thunder	T6396 VT2P ↗	VT2P	94	293.1	18.5	6	27.7	1361	18
Integra	4601 VT2PRIB ↗	VT2P	96	292.1	18.6	5	29.5	1356	19
Channel	197-70TRERIB ↗	TRE	97	290.8	20.0	7	28.6	1337	23
NK Brand	NK9771-DV ↗	DV	97	289.7	19.5	4	29.5	1337	24
Augusta	A2047-PWE ↗	PCE	97	289.1	21.2	7	29.5	1319	27
Thunder	T6497 TRE ↗	TRE	97	289.0	20.8	9	29.5	1322	26
Rob-See-Co	RC4300-VT2P ↗	VT2P	93	288.7	18.4	14	29.5	1342	22
Channel	195-85DGV2PRIB ↗	VT2PDG	95	285.4	18.4	5	25.0	1326	25
Golden Harvest	G97B68-DV ↗	DV	97	285.0	19.8	6	30.4	1313	29
Renk	RK561DGV2P ↗	VT2PDG	95	283.6	18.9	5	29.5	1314	28
Rob-See-Co	RC4518-VT2P ↗	VT2P	95	282.5	18.8	16	30.4	1309	30
FS InVision	FS 4535D2 EZR ↗	V	95	282.2	19.6	2	28.6	1301	31
PIONEER	P9998Q CK	QR	99	302.7	21.4	6	25.0	1380	13
				Averages =	289.4	19.8	12	29.0	1333
				LSD (0.10) =	14.6	0.7	8		
				LSD (0.25) =	7.7	0.4	4		
				C.V. =	4.8				
Jason Beyers				Historic yield: 224.9 bu/a, 11 yr(s)					
beyers@frontiernet.net, (815) 493-9005									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$4.75

Report Date: 11/02/2023

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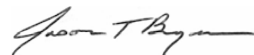
Wisconsin Central [WICE] FOX LAKE, WI
Kirk Warmka, Dodge County, WI 53916

Full-Season Test	99 - 102 Day CRM B2023WICE44b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua, Roundup
SOIL DESCRIPTION:	Lomira/St. Charles silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.9 pH, 3.8% OM, 14.6 CEC
PEST MANAGEMENT:	Halex Gt, Atrazine, Force
FERTILITY - Applied N:	94 Spring, 60 Sidedress
Applied N-P-K (units):	154-0-90
SEEDED - RATE - ROW:	May 12 32.4 /A 30" spacing
HARVESTED - STAND:	Nov 1 28.7 /A

TEST COMMENTS:

This was a really nice looking plot all year long. Planting conditions were ideal and we were planted almost the first day that you could be in the fields in this area. There was not much rain in June, but the corn really rooted down and stayed healthy. Pollination was perfect, with nice full to the tip and girthy ears. For the most part stalk quality was still pretty good, with most of the stalk lodging due to the heavy ears. Diseases were minimal in this field.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK600VT2P ↗	VT2P	100	330.1	21.1	6	28.6	1508	1
DeKalb	DKC101-35RIB GC ↗	VT2P	101	324.0	22.4	7	26.8	1467	3
Legacy	LC492-22 ↗	VT2P	99	323.3	20.0	7	30.4	1487	2
Channel	200-42VT2PRIB ↗	VT2P	100	320.8	22.0	1	28.6	1457	4
Renk	RK579DGV2P ↗	VT2PDG	99	317.4	20.4	19	29.5	1457	5
Thunder	T8100 SS ↗	STX	100	316.1	20.9	1	30.4	1445	6
Channel	200-23VT2PRIB ↗	VT2P	100	314.8	21.5	3	29.5	1434	8
Jung	50DT503 ↗	TRE	100	312.8	20.1	10	28.6	1438	7
Pioneer	P0035Q GC ↗	QR	100	310.6	23.0	2	29.5	1400	13
Thunder	T6999 VT2P ↗	VT2P	99	310.1	19.8	10	28.6	1428	9
Legacy	LC512-22 ↗	VT2P	101	309.4	23.7	5	31.3	1389	15
Dyna-Gro	D38VC80RIB GC ↗	VT2P	98	306.7	19.9	7	27.7	1412	11
Renk	RK609VT2P ↗	VT2P	101	306.1	24.0	5	29.5	1372	19
Integra	4993 TRERIB ↗	TRE	99	305.8	21.2	4	28.6	1395	14
Renk	RK628VT2P ↗	VT2P	102	304.9	23.3	22	29.5	1373	18
Jung	49SP453 ↗	STXP	99	303.6	19.6	2	30.4	1401	12
FS InVision	FS 5115X RIB ↗	STX	101	303.6	23.9	1	28.6	1361	22
Jung	51FP504 ↗	VT4P	101	302.5	23.8	4	27.7	1357	24
Thunder	T6902 VT2P ↗	VT2P	102	301.5	20.3	14	29.5	1384	16
Rob-See-Co	D01-90-VT2P ↗	VT2P	101	300.9	21.0	16	28.6	1375	17
Dairyland	DS-3900AM ↗	AM	99	298.1	21.4	2	29.5	1358	23
Rob-See-Co	RC5188-SSP ↗	STXP	101	297.6	19.7	20	30.4	1371	20
Integra	CXINT099TRE ↗	TRE	99	296.8	19.6	1	27.7	1369	21
Rob-See-Co	RC5062-AA ↗	AA	100	294.8	21.1	2	29.5	1347	25
FS InVision	FS 5035P ↗	STXP	100	294.3	20.9	1	27.7	1346	26
Legacy	LC494-23 ↗	PCE	99	293.6	20.6	1	28.6	1345	27
Dairyland	DS-4003Q ↗	QR	100	292.0	20.4	40	30.4	1339	28
Thunder	T6300 VT2P ↗	VT2P	100	290.8	21.1	6	31.3	1328	30
Channel	200-40VT4PRIB ↗	VT4P	100	290.0	20.7	6	26.8	1328	31
Rob-See-Co	RC4937-SSP ↗	STXP	99	289.0	19.8	7	26.8	1331	29
PIONEER	P9998Q CK	QR	99	311.0	21.5	15	26.8	1417	10
				Averages =	298.4	21.5	7	28.7	1359
				LSD (0.10) =	14.5	0.8	5		
				LSD (0.25) =	7.6	0.4	3		
				C.V. =	4.6				



Jason Beyers

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

Historic yield: 224.9 bu/a, 11 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$4.75

Report Date: 11/02/2023

† 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

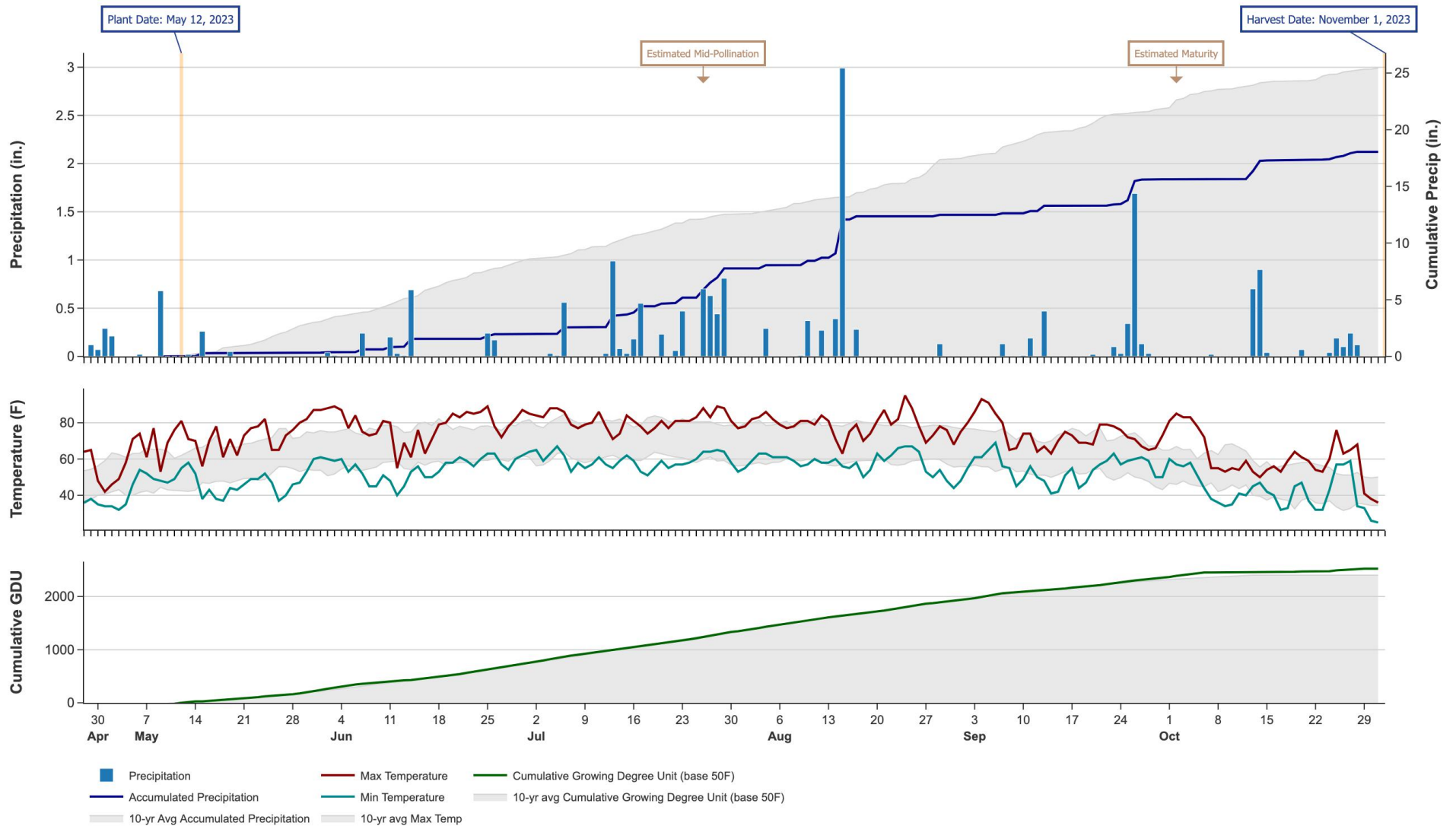
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2023 Corn - Wisconsin Central [WICE]

Weather Conditions Summary at FOX LAKE, WI

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.2 0.3 (-0.1)	1.5 4.7 (-3.2)	1.6 5.5 (-3.8)	5.8 4.1 (+1.7)	4.7 4.9 (-0.2)	3.1 4.4 (-1.2)	2.4 3.6 (-1.2)	19.4 27.5 (-8.0)
GDU Avg (Diff)	14 0 (+14)	304 280 (+24)	510 514 (-4)	620 627 (-7)	567 578 (-11)	432 383 (+48)	176 89 (+86)	2623 2474 (+148)



* 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.

2023 Corn - Wisconsin Central [WICE]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1943-AA	AA	N	93	AC,P5V
Augusta	A1946-AA	AA	N	96	CM,C2
Augusta	A2046-DV	DV	N	96	CM,C5
Augusta	A2047-PWE	PCE	N	97	AC,P5V
Augusta	A2048-AA	AA	N	98	CM,C5
Channel	193-40VT4PRIB	VT4P	Y	93	AC,P1V
Channel	195-51STXRIB	STX	Y	95	AC,P5V,EDC-B
Channel	195-85DGV2PRIB	VT2PDG	Y	95	AC,P5V,EDC-B
Channel	197-70TRERIB	TRE	Y	97	AC,P5V,EDC-B
Channel	198-82SSPRIB	STXP	Y	98	AC,P5V,EDC-B
Dairyland	DS-3477AM	AM	Y	94	Lum, L1
Dairyland	DS-3599Q	QR	Y	95	Lum, L1
Dairyland	DS-3601AM	AM	Y	96	Lum
Dairyland	DS-3881AM	AM	Y	98	Lum, L1
FS InVision	FS 4535D2 EZR	V	Y	95	CM,C5,Va
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V,EDC-EL
FS InVision	FS 4927T RIB	TRE	Y	99	AC,P5V,EDC-EL
Golden Harvest	G97B68-DV	DV	Y	97	AVC,C1,Va
Golden Harvest	G98B99-AA	AA	Y	98	CM,C5,Va
Integra	4601 VT2PRIB	VT2P	Y*	96	AC,P5V,SU
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,SU+Zn
Jung	46SS424	STX	Y	96	AC,P5V,EDC-B
Jung	48DT444	TRE	Y	98	AC,P5V,EDC-B
Jung	48SS443	STX	Y	98	AC,P5V,EDC-B
Legacy	LC454-22	VT2P	N	95	AC,P2,Va,Zn
Legacy	LC465-23	PCE	Y	96	CM,C2,Vi,Va
Legacy	LC474-23	PCE	N	97	CM,C2,Vi,Va
NK Brand	NK9771-DV	DV	Y	97	AVC,C1,Va
NK Brand	NK9832-AA	AA	Y	98	CM,C5,Va
Pioneer	P9998Q CK	QR	Y	99	Lum, L1
Renk	RK485DGV2P	VT2PDG	N	94	AC,P2
Renk	RK502SSTX	STX	N	95	AC,P5V
Renk	RK561DGV2P	VT2PDG	N	95	AC,P2
Renk	RK571PWE	PCE	N	96	Lum,P5V
Renk	RK582SSTX	STX	N	98	AC,P5V
Rob-See-Co	D98-43-TRE	TRE	Y	98	CM,C2,Vi,Va
Rob-See-Co	RC4300-VT2P	VT2P	Y	93	AC,P2
Rob-See-Co	RC4518-VT2P	VT2P	Y	95	CM,C2,Vi,Va
Rob-See-Co	RC4680-VT2P	VT2P	Y	96	AC,P2
Rob-See-Co	RC4779-PCE	PCE	N	97	CM,C2,Vi,Va
Thunder	T6298 VT2P	VT2P	Y	98	AC,P2
Thunder	T6396 VT2P	VT2P	Y	94	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	T6397 AA	AA	Y	97	CM,C2,Vi,Va
Thunder	T6497 TRE	TRE	Y	97	AC,P2
Thunder	T6498 PC	PCE	N	98	CM,C2,Vi,Va

* 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.

2023 Corn - Wisconsin Central [WICE]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1849-D	D	N*	99	AVC,C2
Augusta	A2052-AA	AA	N	102	CM,C5
Augusta	A2150-DV GC	DV	Y*	100	CM,C2
Augusta	A22-250-AA	AA	Y	100	CM,C2
Channel	200-23VT2PRIB	VT2P	Y	100	AC,P5V,EDC-B
Channel	200-40VT4PRIB	VT4P	Y	100	AC,P1V
Channel	200-42VT2PRIB	VT2P	Y	100	AC,P5V,EDC-B
Channel	201-07SSPRIB	STXP	Y	101	AC,P5V,EDC-B
Channel	202-70TRERIB	TRE	Y	102	AC,P5V,EDC-B
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-4003Q	QR	Y	100	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
DeKalb	DKC101-35RIB GC	VT2P	Y	101	AC,P5V,EDC-EL
Dyna-Gro	D38VC80RIB GC	VT2P	Y*	98	AC,P5V
FS InVision	FS 5035P	STXP	N	100	AC,P5V,EDC-EL
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V,EDC-EL
FS InVision	FS 5125L1A EZR	AA	Y	101	AC,P5V,EDC-EL
Golden Harvest	G00A97-AA	AA	Y	100	CM,C5,Va
Golden Harvest	G01B63-AA	AA	Y	101	CM,C5,Va
Integra	4993 TRERIB	TRE	N	99	AC,P5V,SU+Zn
Integra	CXINT099TRE	TRE	Y	99	AC,P5V,SU+Zn,PT
Jung	49SP453	STXP	Y	99	AC,P5V,EDC-B
Jung	50DT503	TRE	Y	100	AC,P5V,EDC-B
Jung	51FP504	VT4P	Y	101	AC,P5V,EDC-B
Legacy	LC492-22	VT2P	N	99	AC,P2,Va,Zn
Legacy	LC494-23	PCE	N	99	CM,C2,Vi,Va
Legacy	LC512-22	VT2P	N	101	AC,P2,Va,Zn
NK Brand	NK0007-AA	AA	Y	100	CM,C5,Va
NK Brand	NK0295-AA	AA	Y	102	CM,C5,Va
Pioneer	P0035Q GC	QR	Y	100	Lum, L1
Pioneer	P9998Q CK	QR	Y	99	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V,B300
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK609VT2P	VT2P	Y	101	AC,P5V,B300
Renk	RK628VT2P	VT2P	N	102	AC,P5V,B300
Rob-See-Co	D01-90-VT2P	VT2P	Y	101	CM,C2,Vi,Va
Rob-See-Co	RC4937-SSP	STXP	Y	99	P5V
Rob-See-Co	RC5062-AA	AA	Y	100	CM,C2,Vi,Va
Rob-See-Co	RC5188-SSP	STXP	Y	101	AC,P5V,EDC-EL
Thunder	T6300 VT2P	VT2P	Y	100	AC,P2
Thunder	T6301 AA	AA	Y	101	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	T6902 VT2P	VT2P	Y	102	AC,P2
Thunder	T6999 VT2P	VT2P	Y	99	AC,P2
Thunder	T8100 SS	STX	Y	100	AC,P5

* 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

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

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
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

NA	Not Available
AC,P1V	Acceleron® Poncho 1250/Votivo
AC,P2	Acceleron® 250
AC,P2,Va,Zn	Acceleron® 250, Vayantis® + Zn
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 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	Acceleron® Poncho 500/Votivo, StepUp
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
AVC,C2	Avicta® Complete 250
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5	Cruisermaxx® 500
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P5V	Poncho 500/Votivo

* Seed treatments may include unspecified plant health promoting components.