

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2023 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

Early-Season Test	105 - 111 Day CRM B2023ILEC19a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Outlook, Liberty, Enlist
SOIL DESCRIPTION:	Rutland/Streator silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 5.9 pH, 5.2% OM, 25.5 CEC
PEST MANAGEMENT:	Lexar Ez, Acuron Gt, Force 3g, Odyssey, Sultrus
FERTILITY - Applied N:	130 Fall, 50 Spring, 50 Sidedress, 12 Foliar Rescue
Applied N-P-K (units):	242-110-185
SEEDED - RATE - ROW:	Apr 28 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 9 34.0 /A

TEST COMMENTS:

This plot was planted in very nice soil conditions towards the end of April and had excellent emergence that was very uniform across the plot. This location has a history of holding water and has had problems with too much in the past. This year with the dry and hot growing season, it paid off. Amazing looking field at harvest. Standing perfectly with great stalk quality, large girthy ears filled to the tip, and deep kernel sets were noted across this field. More than 1/3 of hybrids were still holding on to some green color. Very little foliar disease was noted, a touch of grey leaf spot and common rust was present but not in all hybrids. An excellent plot for 2023's growing challenges!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Purple Ribbon	23A08 ↗	VT2P	108	290.4	16.0	1	33.9	1324	2
Wyffels	W5778RIB ↗	STX	109	290.2	18.0	1	34.8	1300	4
AgVenture	AV6010AM ↗	AM	110	286.9	18.2	1	33.9	1283	5
FS InVision	FS 6017V RIB ↗	VT2P	110	285.6	15.7	1	33.9	1306	3
Renk	RK811PWE ↗	PCE	111	283.8	17.8	1	33.1	1274	8
NK Brand	NK1040-AA ↗	AA	110	282.6	18.3	1	32.2	1263	11
NK Brand	NK1188-AA ↗	AA	111	282.4	19.8	1	33.1	1245	15
Integra	CXINT108VT ↗	VT2P	108	281.0	16.2	1	33.1	1279	6
NuTech	68A9AM ↗	AM	108	279.5	16.3	1	34.8	1271	9
Wyffels	W6215 ↗	TRE	109	278.9	16.5	1	33.9	1266	10
FS InVision	FS 5935X RIB ↗	STX	109	278.9	17.8	1	32.2	1251	13
NuTech	70F6Q ↗	QR	110	278.5	17.3	1	33.1	1255	12
Integra	5802 VT2PRIB ↗	VT2P	108	278.5	15.4	1	31.3	1277	7
FS InVision	FS 6025X RIB ↗	STX	110	277.5	18.8	1	33.9	1234	23
NuTech	66C2Q ↗	QR	106	276.6	17.5	1	33.9	1244	17
Wyffels	W5406 ↗	VT2P	108	276.3	17.3	1	34.8	1245	16
Sun Prairie	SP2562 ↗	TRE	109	275.7	17.2	1	31.3	1244	18
Burrus	POWER PLUS 5L44AM ↗	AM	110	275.5	18.1	1	34.8	1233	24
Golden Harvest	G10B61-AA ↗	AA	110	275.3	18.3	1	34.8	1230	27
NuTech	66D1AM ↗	AM	106	275.1	16.5	1	34.8	1249	14
DeKalb	DKC110-10RIB GC ↗	STX	110	274.8	17.3	1	33.9	1238	20
Purple Ribbon	23A10 ↗	VT2P	110	274.8	17.5	1	33.1	1237	21
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	274.5	18.9	1	32.2	1220	29
AgVenture	AV9610AM ↗	AM	110	274.0	18.8	1	33.9	1218	30
Burrus	POWER PLUS 5J21AM ↗	AM	110	274.0	17.6	1	34.8	1232	26
LG Seeds	LG58C48VT2PRIB ↗	VT2P	108	273.9	17.5	1	34.8	1233	25
Renk	RK773TRE ↗	TRE	109	273.1	16.8	1	34.8	1237	22
AgVenture	AV2208AM ↗	AM	108	273.0	16.4	1	34.8	1241	19
Purple Ribbon	24A09 ↗	VT2P	109	270.7	16.4	1	33.9	1230	28
Renk	RK766SSPRO ↗	STXP	109	267.3	16.2	1	34.8	1216	31
PIONEER	P1108Q CK	QR	111	298.7	18.5	1	34.8	1332	1
				Averages =	273.1	17.5	1	34.0	1230
				LSD (0.10) =	7.7	0.8	ns		
				LSD (0.25) =	4.1	0.4	ns		
				C.V. =	2.7	Historic yield: 233.99 bu/a, 5 yr(s)			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/09/2023

† 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 Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

Full-Season Test	112 - 116 Day CRM B2023ILEC19b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Outlook, Liberty, Enlist
SOIL DESCRIPTION:	Rutland/Streator silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 5.9 pH, 5.2% OM, 25.5 CEC
PEST MANAGEMENT:	Lexar Ez, Acuron Gt, Force 3g, Odyssey, Sultrus
FERTILITY - Applied N:	130 Fall, 50 Spring, 50 Sidedress, 12 Foliar Rescue
Applied N-P-K (units):	242-110-185
SEEDED - RATE - ROW:	Apr 28 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 9 33.9 /A

TEST COMMENTS:

This plot was planted in very nice soil conditions towards the end of April and had excellent emergence that was very uniform across the plot. This location has a history of holding water and has had problems with too much in the past. This year with the dry and hot growing season, it paid off. Amazing looking field at harvest. Standing perfectly with great stalk quality, large girthy ears filled to the tip, and deep kernel sets were noted across this field. More than 1/3 of hybrids were still holding on to some green color. Very little foliar disease was noted, a touch of grey leaf spot and common rust was present but not in all hybrids. An excellent plot for 2023's growing challenges!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Heart	HT-7500TRE ↗	TRE	115	296.6	19.8	1	33.9	1308	2
Integra	6493 VT2PRIB ↗	VT2P	114	295.6	19.3	1	33.9	1309	1
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	295.0	19.3	1	33.9	1307	3
Great Heart	HT-7317VT2P ↗	VT2P	113	292.4	19.8	1	33.1	1289	4
ProHarvest	83P66 VT2P ↗	VT2P	113	291.5	19.6	1	33.9	1287	5
Burrus	7P71 VT2P ↗	VT2P	115	289.2	20.2	1	33.9	1271	10
ProHarvest	8360 VT2PRIB ↗	VT2P	113	288.4	19.4	1	35.7	1275	8
Wyffels	W7876RIB ↗	VT2P	114	288.1	18.8	1	34.8	1281	7
NuTech	73A6Q ↗	QR	113	287.6	19.3	1	33.9	1273	9
LG Seeds	LG63C82VTDG ↗	VT2PDG	113	287.2	18.0	1	33.9	1287	6
Golden Harvest	G14B32-DV ↗	DV	114	285.3	20.1	1	33.1	1254	16
Great Heart	HT-7329PCE ↗	PCE	113	285.2	19.7	1	33.1	1258	12
FS InVision	FS 6432P RIB ↗	STXP	114	285.2	19.0	1	33.9	1266	11
Integra	6244 PWE ↗	PCE	112	283.3	19.2	1	34.8	1256	13
Wyffels	W7759 ↗	STXP	113	282.3	18.7	1	34.8	1256	14
NuTech	72A5Q ↗	QR	112	282.0	18.7	1	34.8	1255	15
Wyffels	W8086 ↗	VT2P	114	280.4	19.4	1	34.8	1240	17
Stone	6542RIB ↗	VT2P	115	280.3	20.8	1	32.2	1224	21
Sun Prairie	SP2789 ↗	VT2P	113	279.4	20.1	1	30.4	1228	19
FS InVision	FS 6595V RIB ↗	VT2P	115	279.0	20.1	1	33.9	1227	20
Brevant	B14H38AM GC ↗	AM	114	278.5	20.8	1	34.8	1216	24
NuTech	75C1AM ↗	AM	115	275.7	20.2	1	33.9	1211	25
AgVenture	AV2816AM ↗	AM	116	275.2	20.5	1	32.2	1205	29
Wyffels	W7945RIB ↗	TRE	114	274.3	19.1	1	34.8	1217	23
ProHarvest	84P78 TRERIB ↗	TRE	114	273.8	19.8	1	33.1	1207	26
Integra	6274 VT2PRIB ↗	VT2P	112	273.4	18.5	1	33.9	1219	22
Stone	1304TRE ↗	TRE	113	273.3	17.6	1	33.9	1229	18
Stone	1504TRE ↗	TRE	115	271.8	19.1	1	33.9	1205	30
FS InVision	FS 6625V RIB ↗	VT2P	116	271.7	19.0	1	33.9	1206	27
FS InVision	FS 6627T RIB ↗	TRE	116	271.4	18.9	1	33.9	1206	28
PIONEER	P1108Q CK	QR	111	263.2	19.3	1	33.9	1166	43
				Averages =	274.6	19.5	1	33.9	1213
				LSD (0.10) =	7.3	1.0	ns		
				LSD (0.25) =	3.8	0.5	ns		
				C.V. =	2.5				
Nathan Roux				Historic yield: 233.99 bu/a, 5 yr(s)					
nathan.g.roux@gmail.com, (815) 716-3794									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/09/2023

† 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

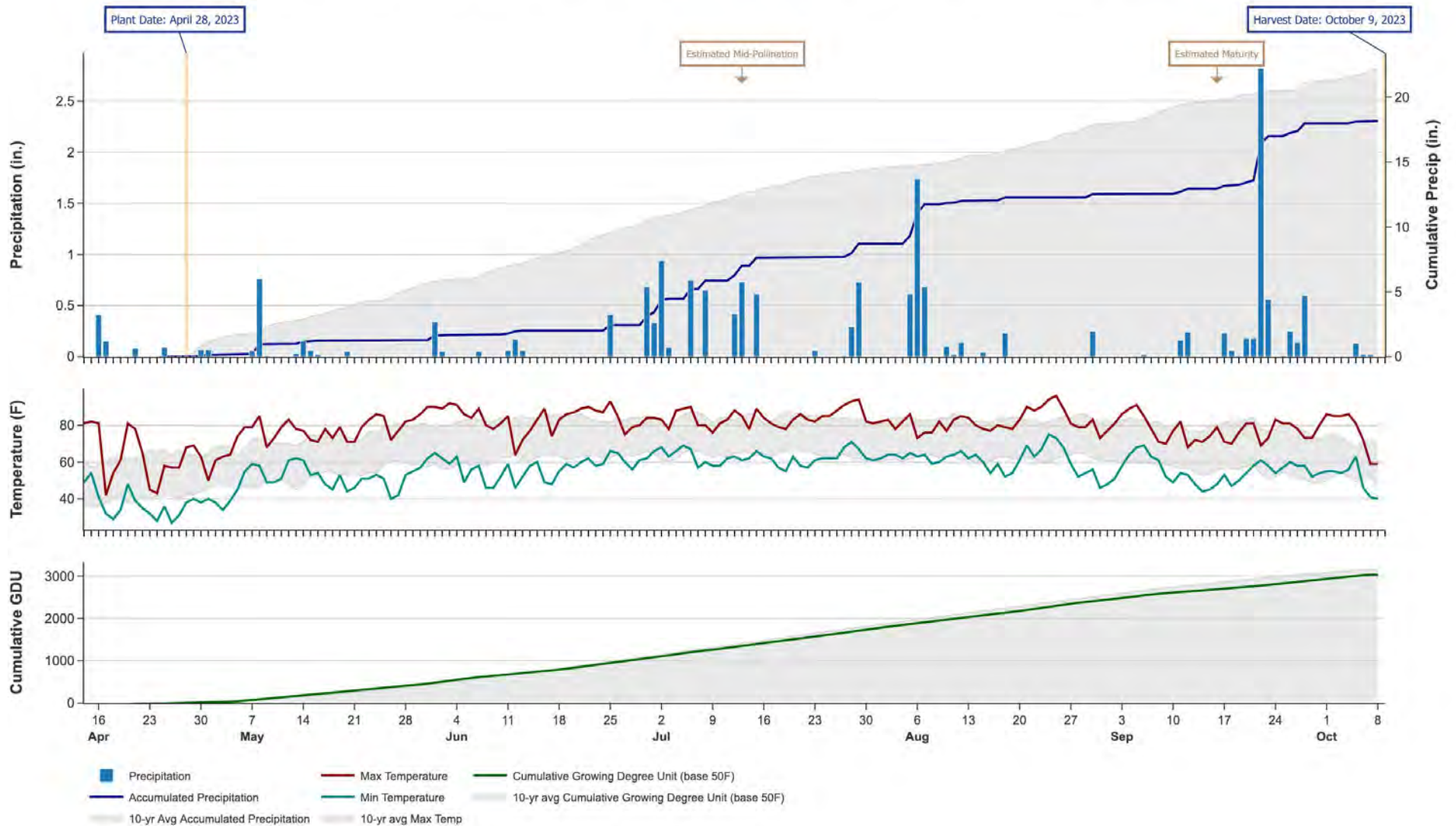
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2023 Corn - Illinois East Central [ILEC]

Weather Conditions Summary at TOLUCA, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.8 2.8 (-1.9)	1.2 4.9 (-3.7)	1.8 4.8 (-3.0)	5.6 4.0 (+1.6)	3.8 3.4 (+0.4)	5.5 3.4 (+2.1)	0.2 0.9 (-0.8)	18.9 24.1 (-5.2)
GDU Avg (Diff)	111 85 (+25)	442 411 (+30)	596 671 (-75)	704 739 (-35)	660 701 (-41)	492 536 (-44)	123 94 (+28)	3128 3240 (-112)



* 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 - Illinois East Central [ILEC]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2208AM	AM	Y	108	Lum, L1
AgVenture	AV2411AM	AM	Y	111	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Treated
AgVenture	AV9610AM	AM	Y	110	Lum, L1
Augusta	A1958-DV	DV	N	108	CM,C2
Burrus	POWER PLUS 5J21AM	AM	Y	110	Lum, L1
Burrus	POWER PLUS 5L44AM	AM	Y	110	BPS
DeKalb	DKC110-10RIB GC	STX	Y	110	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5V,EDC-EL
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
FS InVision	FS 5935X RIB	STX	Y	109	AC,P5V,EDC-EL
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Great Heart	HT-7044VT2P	VT2P	Y	110	P5V
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	CXINT108VT	VT2P	Y	108	AC,P5V,SU+Zn,PT
LG Seeds	LG58C48VT2PRIB	VT2P	Y	108	AC,P5V
LG Seeds	LG61C34STXRIB	STXP	Y*	111	AC,P5V
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Va
NuTech	66C2Q	QR	Y	106	Lum, L1
NuTech	66D1AM	AM	Y	106	Lum, L1
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	70F6Q	QR	Y	110	Lum, L1
Pioneer	P1108Q CK	QR	Y	111	Lum, L1
Purple Ribbon	23A08	VT2P	Y	108	AC,P2
Purple Ribbon	23A10	VT2P	Y	110	AC,P2
Purple Ribbon	23A11 TRE	TRE	Y	111	AC,P2
Purple Ribbon	24A09	VT2P	Y	109	AC,P2
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Sun Prairie	SP2562	TRE	N	109	AC
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W5778RIB	STX	Y	109	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	N	111	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.

2023 Corn - Illinois East Central [ILEC]

Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2816AM	AM	Y	116	Lum, L1
AgVenture	AV3213AM	AM	Y	113	Lum, L1
AgVenture	AV7913AM	AM	Y	113	Lum, L1
Brevant	B14H38AM GC	AM	Y	114	Lum, L1
Burrus	7F33 VT2P	VT2P	Y	114	Lum, L1-2023
Burrus	7P71 VT2P	VT2P	Y	115	AC,P5V,EDC-B
DeKalb	DKC64-64RIB GC	STX	Y	114	AC,P5V,EDC-EL
DeKalb	DKC65-95RIB GC	VT2P	Y	115	AC,P5V,EDC-EL
DeKalb	DKC66-18RIB GC	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G14B32-DV	DV	Y	114	AVC,C1,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Great Heart	HT-7256DGV2P	VT2PDG	Y	112	P5V
Great Heart	HT-7317VT2P	VT2P	N	113	P5V
Great Heart	HT-7329PCE	PCE	N	113	P5V
Great Heart	HT-7499TRE	TRE	Y	114	P5V
Great Heart	HT-7500TRE	TRE	N	115	P5V
Integra	6244 PWE	PCE	N	112	AC,P5V
Integra	6274 VT2PRIB	VT2P	Y	112	AC,P5V
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
LG Seeds	LG63C82VTDG	VT2PDG	Y*	113	AC,P5V
LG Seeds	LG66C06VT2RIB	VT2P	Y*	116	AC,P5V
NK Brand	NK1333-AA	AA	Y	113	CM,C5,Va
NK Brand	NK1480-DV	DV	Y	114	AVC,C1,Va
NuTech	72A5Q	QR	Y	112	Lum, L1
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	75C1AM	AM	Y	115	Lum, L1
Pioneer	P1108Q CK	QR	Y	111	Lum, L1
Pioneer	P1278Q GC	QR	Y	112	Lum, L1
ProHarvest	8360 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	83P66 VT2P	VT2P	N	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
Purple Ribbon	23A12	VT2PDG	Y	112	AC,P2
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Stone	1304TRE	TRE	Y	113	AC,P5V
Stone	1504TRE	TRE	Y	115	AC,P5V
Stone	6542RIB	VT2P	Y	115	AC,P2,B360
Sun Prairie	SP2788	VT2P	N	113	AC
Sun Prairie	SP2789	VT2P	N	113	AC
Wyffels	W7759	STXP	N	113	AC,P5
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086	VT2P	N	114	AC,P5
Wyffels	W8108	STX	N	114	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®
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®

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

Corn Seed Treatments*

NA	Not Available
AC	Acceleron® unspecified
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
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+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycTerra® ST
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum, L1	LumiGEN, Lumisure 1250
Lum, L1-2023	LumiGEN 1250, Zeltera, Lumivia, Lumialza, Serifel®, Lumiflex, 2023
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.