

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

2023 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRGINIA, IL
Zach Virgin, Cass County, IL

Early-Season Test	105 - 111 Day CRM B2023ILWC30a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Roundup Powermax (2), Fire-Zone, Engina
SOIL DESCRIPTION:	Sable, Ipava silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Strip-Till, very high P, high K, 5.3 pH, 3.0% OM, 18.3 CEC
PEST MANAGEMENT:	Bicep II, Aatrex (2), Roundup Powermax, Laudis, Force 3g, Triva Pro, Lambda-Cy
FERTILITY - Applied N:	150 Fall, 50 Spring, BRANDT SMART B-M @ Foliar/Rescue, P & K variable
Applied N-P-K (units):	200-0-0
SEEDED - RATE - ROW:	May 2 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 28 35.7 /A

TEST COMMENTS:

This location was planted in nice soil conditions, but less than average ground moisture. Below average rainfall and moderate temperatures throughout the first half of the growing season were noted at this location. The plot was never under significant stress thanks to a few timely rains and cool night temperatures. Black tar spot was noticed in the late season, but it didn't seem to have much of an effect on yield due to the late timing. Overall a very nice plot with an exceptional grower!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7048 ↗	STX	111	275.5	17.8	1	35.7	1237	1
Wyffels	W5406 ↗	VT2P	108	261.2	18.2	1	35.7	1168	2
FS InVision	FS 6025X RIB ↗	STX	110	256.3	18.0	1	35.7	1148	3
Golden Harvest	G10B61-AA ↗	AA	110	251.9	18.8	1	35.7	1120	6
Wyffels	W6886 ↗	VT2P	111	248.5	21.0	1	33.9	1083	13
NuTech	68A9AM ↗	AM	108	248.3	16.1	1	36.6	1131	4
Wyffels	W5778RIB ↗	STX	109	247.7	15.8	1	35.7	1131	5
FS InVision	FS 5935X RIB ↗	STX	109	247.4	18.6	1	36.6	1102	8
Dyna-Gro	D50VC09RIB ↗	VT2P	110	247.3	16.8	1	34.8	1119	7
Lewis	11DT912 VT2PDG ↗	VT2PDG	111	246.3	18.5	1	36.6	1098	10
FS InVision	FS 5835V RIB ↗	VT2P	108	244.2	17.6	1	34.8	1098	11
Augusta	A1259-5222 ↗	DV	109	242.3	20.4	1	35.7	1062	20
Renk	RK811PWE ↗	PCE	111	241.9	16.6	1	37.5	1097	12
LG Seeds	LG58C48VT2PRIB ↗	VT2P	108	239.7	18.3	1	36.6	1071	18
AgVenture	AV6010AM ↗	AM	110	239.2	17.4	1	35.7	1077	14
Renk	RK766SSPRO ↗	STXP	109	238.9	14.8	1	35.7	1099	9
DeKalb	DKC111-35RIB GC ↗	VT2P	111	238.4	17.5	1	34.8	1073	17
Golden Harvest	G11V76-AA ↗	AA	111	237.8	19.2	1	34.8	1054	23
NK Brand	NK1040-AA ↗	AA	110	237.1	18.3	1	35.7	1059	21
Wyffels	W6215 ↗	TRE	109	237.1	16.5	1	37.5	1076	15
NuTech	66C2Q ↗	QR	106	236.5	17.1	1	37.5	1068	19
NuTech	66D1AM ↗	AM	106	234.4	15.4	1	35.7	1075	16
NuTech	70F6Q ↗	QR	110	234.0	17.5	1	36.6	1053	24
AgVenture	AV3310Q ↗	QR	110	233.6	17.4	1	35.7	1052	25
FS InVision	FS 6017V RIB ↗	VT2P	110	233.5	16.7	1	35.7	1058	22
Green Valley	GV8102VT2PRIB ↗	VT2P	111	232.2	18.9	1	35.7	1032	30
Cornelius	C7021DP ↗	VT2P	110	229.1	16.9	1	34.8	1036	27
Integra	5802 VT2PRIB ↗	VT2P	108	228.4	16.7	1	34.8	1035	28
NuTech	70B4AM ↗	AM	110	227.6	17.0	1	33.9	1029	31
Renk	RK773TRE ↗	TRE	109	225.9	15.4	1	37.5	1035	29
PIONEER	P1108Q CK	QR	111	234.5	18.1	1	34.8	1049	26
				Averages =	234.6	17.6	1	35.7	1055
				LSD (0.10) =	8.7	0.9	ns		
				LSD (0.25) =	4.6	0.5	ns		
				C.V. =	3.5				

Nathan Roux

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Historic yield: new site

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

Report Date: 09/28/2023

† 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 West Central [ILWC] VIRGINIA, IL
Zach Virgin, Cass County, IL

Full-Season Test	112 - 116 Day CRM B2023ILWC30b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Roundup Powermax (2), Fire-Zone, Engina
SOIL DESCRIPTION:	Sable, Ipava silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Strip-Till, very high P, high K, 5.3 pH, 3.0% OM, 18.3 CEC
PEST MANAGEMENT:	Bicep li, Aatrex (2), Roundup Powermax, Laudis, Force 3g, Triva Pro, Lambda-Cy
FERTILITY - Applied N:	150 Fall, 50 Spring, BRANDT SMART B-M @ Foliar/Rescue, P & K variable
Applied N-P-K (units):	200-0-0
SEEDED - RATE - ROW:	May 2 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 28 35.6 /A

TEST COMMENTS:

This location was planted in nice soil conditions, but less than average ground moisture. Below average rainfall and moderate temperatures throughout the first half of the growing season were noted at this location. The plot was never under significant stress thanks to a few timely rains and cool night temperatures. Black tar spot was noticed in the late season, but it didn't seem to have much of an effect on yield due to the late timing. Overall a very nice plot with an exceptional grower!

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7945RIB ↗	TRE	114	271.7	19.8	1	34.8	1198	1
Great Heart	HT-7360VT2P ↗	VT2P	113	271.4	20.9	1	34.8	1184	2
Burrus	7F33 VT2P ↗	VT2P	114	265.5	21.3	1	35.7	1155	8
Cornelius	C7366DGDP ↗	VT2PDG	113	265.4	21.1	1	34.8	1156	6
ProHarvest	8360 VT2PRIB ↗	VT2P	113	264.9	20.0	1	35.7	1166	3
Lewis	15DT512 ↗	TRE	115	264.2	20.3	1	37.5	1159	5
Integra	6493 VT2PRIB ↗	VT2P	114	263.1	19.2	1	35.7	1166	4
LG Seeds	LG64C43VT2 ↗	VT2P	114	263.0	20.1	1	35.7	1156	7
Green Valley	GV8212VT2PRIB ↗	VT2P	112	263.0	20.2	1	33.1	1155	9
NK Brand	NK1480-DV ↗	DV	114	261.2	20.7	1	36.6	1142	10
ProHarvest	83P66 VT2P ↗	VT2P	113	259.3	21.9	1	34.8	1121	18
FS InVision	FS 6595V RIB ↗	VT2P	115	259.2	21.1	1	34.8	1129	15
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	257.0	20.8	1	34.8	1123	17
NuTech	74C4AM ↗	AM	114	256.5	19.5	1	34.8	1134	11
Integra	CXINT114VT ↗	VT2P	114	255.7	19.4	1	35.7	1131	12
DeKalb	DKC65-84RIB GC ↗	STX	115	255.2	19.2	1	36.6	1131	13
Wyffels	W8086 ↗	VT2P	114	254.4	19.0	1	35.7	1130	14
Wyffels	W7876RIB ↗	VT2P	114	252.8	20.2	1	35.7	1110	19
FS InVision	FS 6432P RIB ↗	STXP	114	252.0	18.0	1	34.8	1129	16
DeKalb	DKC66-06RIB GC ↗	TRE	116	250.2	22.2	1	34.8	1079	29
Stone	1304TRE ↗	TRE	113	248.5	21.2	1	34.8	1082	28
NK Brand	NK1333-AA ↗	AA	113	248.5	19.1	1	33.9	1103	20
FS InVision	FS 6625V RIB ↗	VT2P	116	248.4	20.9	1	34.8	1084	27
Stone	1504TRE ↗	TRE	115	248.0	20.2	1	37.5	1089	24
AgVenture	AV9412AM ↗	AM	112	247.0	19.0	1	37.5	1097	21
DeKalb	DKC64-22RIB GC ↗	VT2P	114	246.9	19.6	1	36.6	1090	23
Renk	RK876VT2P ↗	VT2P	113	246.8	21.0	1	35.7	1076	30
Renk	RK895DGV2P ↗	VT2PDG	113	246.6	20.0	1	35.7	1085	26
Lewis	14DT603 ↗	TRE	114	245.9	18.7	1	34.8	1095	22
Lewis	15DT624 ↗	TRE	115	245.1	19.2	1	35.7	1087	25
PIONEER	P1108Q CK	QR	111	238.4	20.1	1	34.8	1048	49
				Averages =	246.0	20.3	1	35.6	1080
				LSD (0.10) =	10.3	1.1	ns		
				LSD (0.25) =	5.4	0.6	ns		
				C.V. =	4.0				

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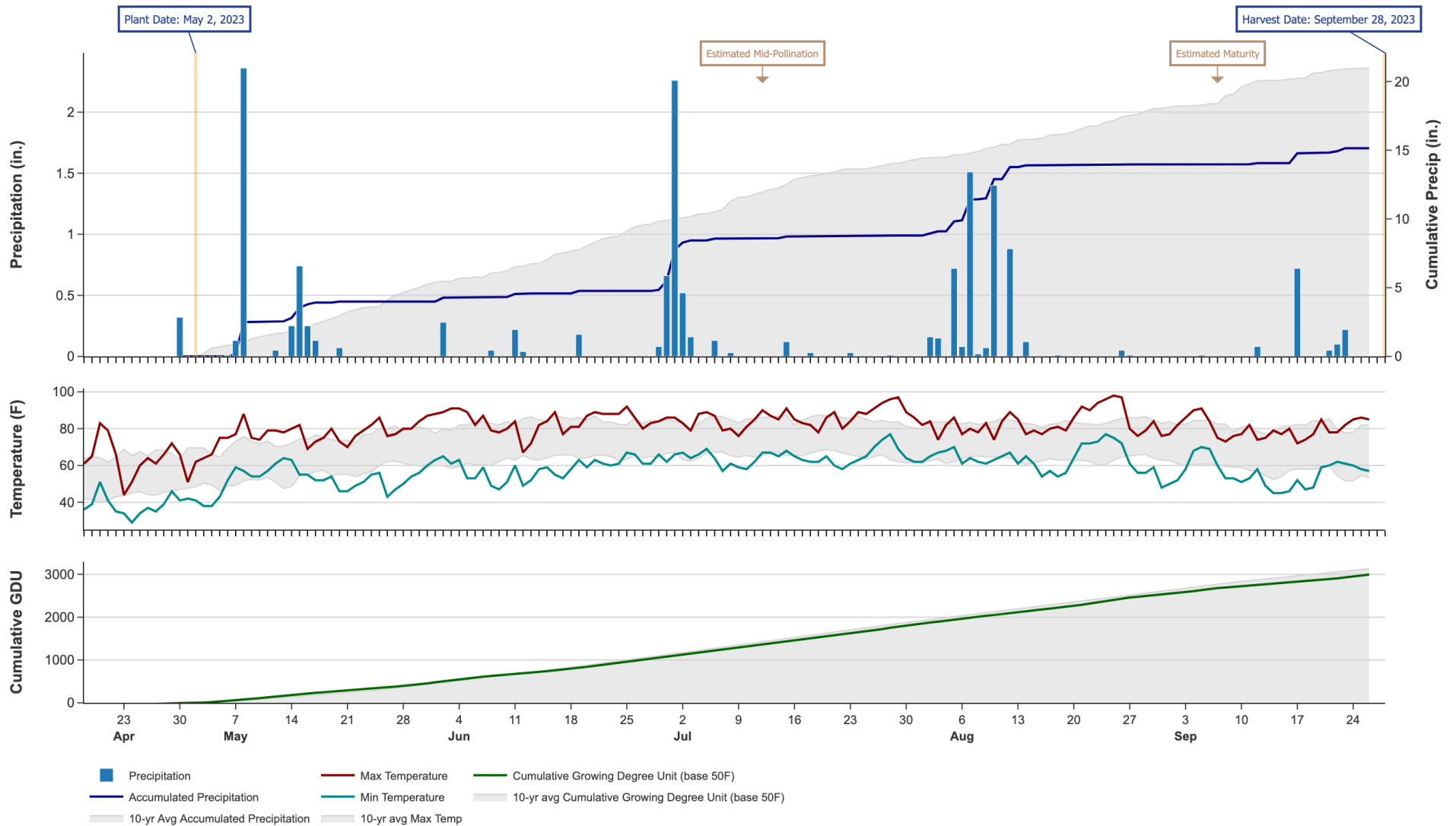
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2023 Corn - Illinois West Central [ILWC]

Weather Conditions Summary at VIRGINIA, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.3 2.2 (-1.9)	4.0 5.5 (-1.5)	1.5 4.6 (-3.1)	3.3 4.4 (-1.1)	5.2 3.7 (+1.4)	1.2 2.9 (-1.7)	15.5 23.4 (-8.0)
GDU Avg (Diff)	81 101 (-20)	460 444 (+15)	624 702 (-78)	751 772 (-21)	698 722 (-24)	468 507 (-39)	3082 3251 (-169)



* 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 West Central [ILWC]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2208AM	AM	Y	108	Lum, L1
AgVenture	AV3310Q	QR	Y	110	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Treated
Augusta	A1259-5222	DV	Y*	109	CM,C2
Augusta	A1958-DV	DV	N	108	CM,C2
Augusta	A4961 AA	AA	N	111	CM,C2
Brevant	B08R32AM	AM	Y	108	Lum, L1
Burrus	5A84 VT2P	VT2P	Y	111	Lum, L1-2023
Burrus	POWER PLUS 5J21AM	AM	Y	110	Lum, L1
Cornelius	C7021DP	VT2P	N	110	AC250
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V,EDC-EL
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
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
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Green Valley	GV8022VT2PRIB	VT2P	Y	110	AC,P5V
Green Valley	GV8102VT2PRIB	VT2P	Y	111	AC,P5V
Integra	5704 SSPRO	STXP	Y	107	AC,P5V
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Lewis	11DT912 VT2PDG	VT2PDG	Y	111	AC,P5,B360
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	QR	Y	111	Lum, L1
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
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 West Central [ILWC]

Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV3213AM	AM	Y	113	Lum, L1
AgVenture	AV3514Q	QR	Y	114	Lum, L1
AgVenture	AV9412AM	AM	Y	112	Lum, L1
AgVenture	AV9916AM	AM	Y	116	Lum, L1
Burrus	7F33 VT2P	VT2P	Y	114	Lum, L1-2023
Burrus	7P71 VT2P	VT2P	Y	115	AC,P5V,EDC-B
Cornelius	C7357DP	VT2P	N	113	AC250
Cornelius	C7366DGDP	VT2PDG	N	113	AC250
Cornelius	C7448PC	PCE	N	114	AC,P5V
Cornelius	C7450SS	STX	N	114	AC,P5V
Cornelius	C7590DP	VT2P	N	115	AC,P5V
DeKalb	DKC64-22RIB	VT2P	Y	114	AC,P5V,EDC-EL
DeKalb	DKC65-84RIB	STX	Y	115	AC,P5V,EDC-EL
DeKalb	DKC66-06RIB	TRE	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6306T RIB	TRE	Y*	113	AC,P5V,EDC-EL
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	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
Golden Harvest	G13B17-AA	AA	Y	113	CM,C5,Va
Golden Harvest	G14B32-DV	DV	Y	114	AVC,C1,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-7360VT2P	VT2P	N	113	P5V
Great Heart	HT-7500TRE	TRE	N	115	P5V
Green Valley	GV8212VT2PRIB	VT2P	Y	112	AC,P5V
Green Valley	GV8233PWE	PCE	N	112	AC,P5V
Green Valley	GV8422VT2PRIB	VT2P	Y	114	AC,P5V
Green Valley	GV8433PWE	PCE	N	114	AC,P5V
Integra	6244 PWE	PCE	N	112	AC,P5V
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
Integra	CXINT114VT	VT2P	Y	114	AC,P5V,SU+Zn,PT
Lewis	13DT644	TRE	Y	113	AC,P5,B360
Lewis	14DT603	TRE	Y	114	AC,P5,B360
Lewis	15DT512	TRE	Y	115	AC,P5,B360
Lewis	15DT624	TRE	Y	115	AC,P5,B360
LG Seeds	LG64C43VT2	VT2P	N	114	AC,P5V
LG Seeds	LG67C27STX	STX	N	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

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
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	QR	Y	111	Lum, L1
ProHarvest	8360 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	83P66 VT2P	VT2P	N	113	AC,P5V
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK940SSTX	STX	N	115	AC,P5V
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
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®
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
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
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 PhycoTerra® ST
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
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.