

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

2023 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] WILLIAMSVILLE, IL
Bruce & Nick Constant, Sangamon County, IL 62693

Early-Season Test	105 - 111 Day CRM B2023ILWC29a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Sonic, Everprex, Liberty, Miravis Top, Endigo
SOIL DESCRIPTION:	Buckhart, Osco silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.6 pH, 3.5% OM, 18.6 CEC
PEST MANAGEMENT:	Resicore XI, Acuron Gt, Force 3g, Trivapro
FERTILITY - Applied N:	140 Fall, 10 Planter, 40 Sidedress
Applied N-P-K (units):	190-190-235
SEEDED - RATE - ROW:	May 3 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 30 35.4 /A

TEST COMMENTS:

This location was dry and under stress up until pollination. It never lost dark green color, but just rolled up. Timely rain during pollination helped push this plot through that time period. Turning dry for a few weeks after, then much needed rains came. This location is under outstanding farm management and has always performed well even with the dry growing season. GLS and Tar Spot were noted but were very minimal.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 5835V RIB ↗	VT2P	108	278.1	16.9	1	33.0	1258	1
AgVenture	AV6010AM ↗	AM	110	275.7	18.7	1	34.8	1227	4
Renk	RK811PWE ↗	PCE	111	274.9	18.3	1	35.7	1228	3
Burrus	POWER PLUS 5J21AM ↗	AM	110	272.4	18.8	1	33.9	1212	9
NuTech	70F6Q ↗	QR	110	271.7	18.6	1	36.6	1211	10
Renk	RK773TRE ↗	TRE	109	270.4	17.5	1	36.6	1217	5
Dyna-Gro	D50VC09RIB ↗	VT2P	110	269.8	15.0	1	36.6	1241	2
Wyffels	W7048 ↗	STX	111	269.6	18.6	1	35.7	1201	12
AgVenture	AV3310Q ↗	QR	110	269.3	17.2	1	34.8	1215	7
Lewis	11DT912 VT2PDG ↗	VT2PDG	111	268.9	16.9	1	35.7	1217	6
Wyffels	W5778RIB ↗	STX	109	268.6	18.5	1	36.6	1198	13
NuTech	68A9AM ↗	AM	108	267.7	17.7	1	35.7	1203	11
FS InVision	FS 5935X RIB ↗	STX	109	266.9	16.4	1	35.7	1213	8
Wyffels	W6886 ↗	VT2P	111	266.1	21.1	1	36.6	1159	23
Wyffels	W5406 ↗	VT2P	108	265.4	19.6	1	36.6	1172	16
NK Brand	NK1188-AA ↗	AA	111	264.4	19.9	1	34.8	1164	20
Integra	5704 SSSPRO ↗	STXP	107	264.3	17.8	1	33.9	1186	14
Augusta	A1259-5222 ↗	DV	109	264.0	19.7	1	36.6	1165	19
Wyffels	W6215 ↗	TRE	109	260.7	17.2	1	36.6	1177	15
Brevant	B08R32AM GC ↗	AM	108	260.5	18.3	1	35.7	1164	21
AgVenture	AV2208AM ↗	AM	108	259.2	18.6	1	35.7	1155	25
Augusta	A4961 AA ↗	AA	111	259.1	20.6	1	34.8	1133	29
DeKalb	DKC111-35RIB GC ↗	VT2P	111	258.0	18.2	1	35.7	1154	26
FS InVision	FS 5725X RIB ↗	STX	107	257.1	16.4	1	34.8	1168	17
Green Valley	GV8022VT2PRIB ↗	VT2P	110	256.8	18.8	1	33.9	1142	28
NuTech	66D1AM ↗	AM	106	255.3	16.4	1	34.8	1160	22
FS InVision	FS 6017V RIB ↗	VT2P	110	255.1	15.6	1	36.6	1167	18
LG Seeds	LG61C34STXRIB ↗	STXP	111	253.9	19.7	1	34.8	1121	31
Integra	5802 VT2PRIB ↗	VT2P	108	250.6	15.1	1	33.9	1152	27
Cornelius	C7021DP ↗	VT2P	110	246.4	15.9	1	34.8	1124	30
PIONEER	P1108Q CK	QR	111	264.0	20.3	1	33.1	1159	24
				Averages =	257.3	18.2	1	35.4	1151
				LSD (0.10) =	11.2	1.2	ns		
				LSD (0.25) =	5.9	0.6	ns		
				C.V. =	4.1				
				Historic yield: 224.27 bu/a, 15 yr(s)					

Nathan Roux

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

Report Date: 09/30/2023

† 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] WILLIAMSVILLE, IL
Bruce & Nick Constant, Sangamon County, IL 62693

Full-Season Test	112 - 116 Day CRM B2023ILWC29b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Sonic, Everprex, Liberty, Miravis Top, Endigo
SOIL DESCRIPTION:	Buckhart, Osco silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.6 pH, 3.5% OM, 18.6 CEC
PEST MANAGEMENT:	Resicore XI, Acuron Gt, Force 3g, Trivapro
FERTILITY - Applied N:	140 Fall, 10 Planter, 40 Sidedress
Applied N-P-K (units):	190-190-235
SEEDED - RATE - ROW:	May 3 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 30 35.2 /A

TEST COMMENTS:

This location was dry and under stress up until pollination. It never lost dark green color, but just rolled up. Timely rain during pollination helped push this plot through that time period. Turning dry for a few weeks after, then much needed rains came. This location is under outstanding farm management and has always performed well even with the dry growing season. GLS and Tar Spot were noted but were very minimal.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Green Valley	GV8212VT2PRIB ↗	VT2P	112	267.5	21.4	1	36.6	1162	2
Wyffels	W8086 ↗	VT2P	114	266.3	21.9	1	37.5	1151	3
AgVenture	AV9412AM ↗	AM	112	266.1	20.3	1	35.7	1168	1
Lewis	14DT603 ↗	TRE	114	264.3	21.4	1	35.7	1148	4
Lewis	15DT512 ↗	TRE	115	263.7	23.1	1	33.9	1128	6
Wyffels	W7876RIB ↗	VT2P	114	263.5	23.6	1	34.8	1121	12
Cornelius	C7448PC ↗	PCE	114	262.4	22.9	1	35.7	1124	8
Lewis	15DT624 ↗	TRE	115	262.0	23.3	1	36.6	1119	13
AgVenture	AV3213AM ↗	AM	113	261.2	23.0	1	35.7	1118	14
Great Heart	HT-7360VT2P ↗	VT2P	113	260.8	22.3	1	35.7	1124	9
DeKalb	DKC65-84RIB GC ↗	STX	115	260.4	19.8	1	34.8	1147	5
Renk	RK940SSTX ↗	STX	115	258.7	21.5	1	36.6	1123	10
Stone	6542RIB ↗	VT2P	115	258.3	23.3	1	35.7	1102	17
Stone	1504TRE ↗	TRE	115	257.6	23.8	1	34.8	1095	25
Cornelius	C7366DGDP ↗	VT2PDG	113	257.4	21.0	1	35.7	1122	11
Integra	6493 VT2PRIB ↗	VT2P	114	257.4	23.3	1	35.7	1098	21
Wyffels	W7945RIB ↗	TRE	114	256.9	22.9	1	34.8	1101	18
FS InVision	FS 6595V RIB ↗	VT2P	115	256.3	24.9	1	36.6	1077	30
LG Seeds	LG67C27STX ↗	STX	116	255.9	22.9	1	34.8	1096	24
LG Seeds	LG64C43VT2 ↗	VT2P	114	255.2	22.5	1	34.8	1098	22
Renk	RK876VT2P ↗	VT2P	113	254.2	23.5	1	34.8	1083	29
FS InVision	FS 6306T RIB ↗	TRE	113	253.7	18.9	1	35.7	1127	7
Green Valley	GV8422VT2PRIB ↗	VT2P	114	253.6	22.3	1	35.7	1092	26
ProHarvest	83P66 VT2P ↗	VT2P	113	253.0	21.4	1	36.6	1099	19
Burrus	7F33 VT2P ↗	VT2P	114	252.3	21.3	1	33.9	1097	23
Integra	6244 PWE ↗	PCE	112	252.2	19.5	1	35.7	1115	15
FS InVision	FS 6432P RIB ↗	STXP	114	251.7	20.2	1	35.7	1105	16
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	251.5	22.2	1	36.6	1084	28
DeKalb	DKC64-22RIB GC ↗	VT2P	114	249.7	20.0	1	35.7	1099	20
Wyffels	W7759 ↗	STXP	113	247.9	20.4	1	32.2	1087	27
PIONEER	P1108Q CK	QR	111	242.1	20.6	1	35.7	1059	38
				Averages =	247.5	22.1	1	35.2	1068
				LSD (0.10) =	8.4	1.2	ns		
				LSD (0.25) =	4.4	0.6	ns		
				C.V. =	3.2	Historic yield: 224.27 bu/a, 15 yr(s)			

Nathan Roux

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.60

Report Date: 09/30/2023

† 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

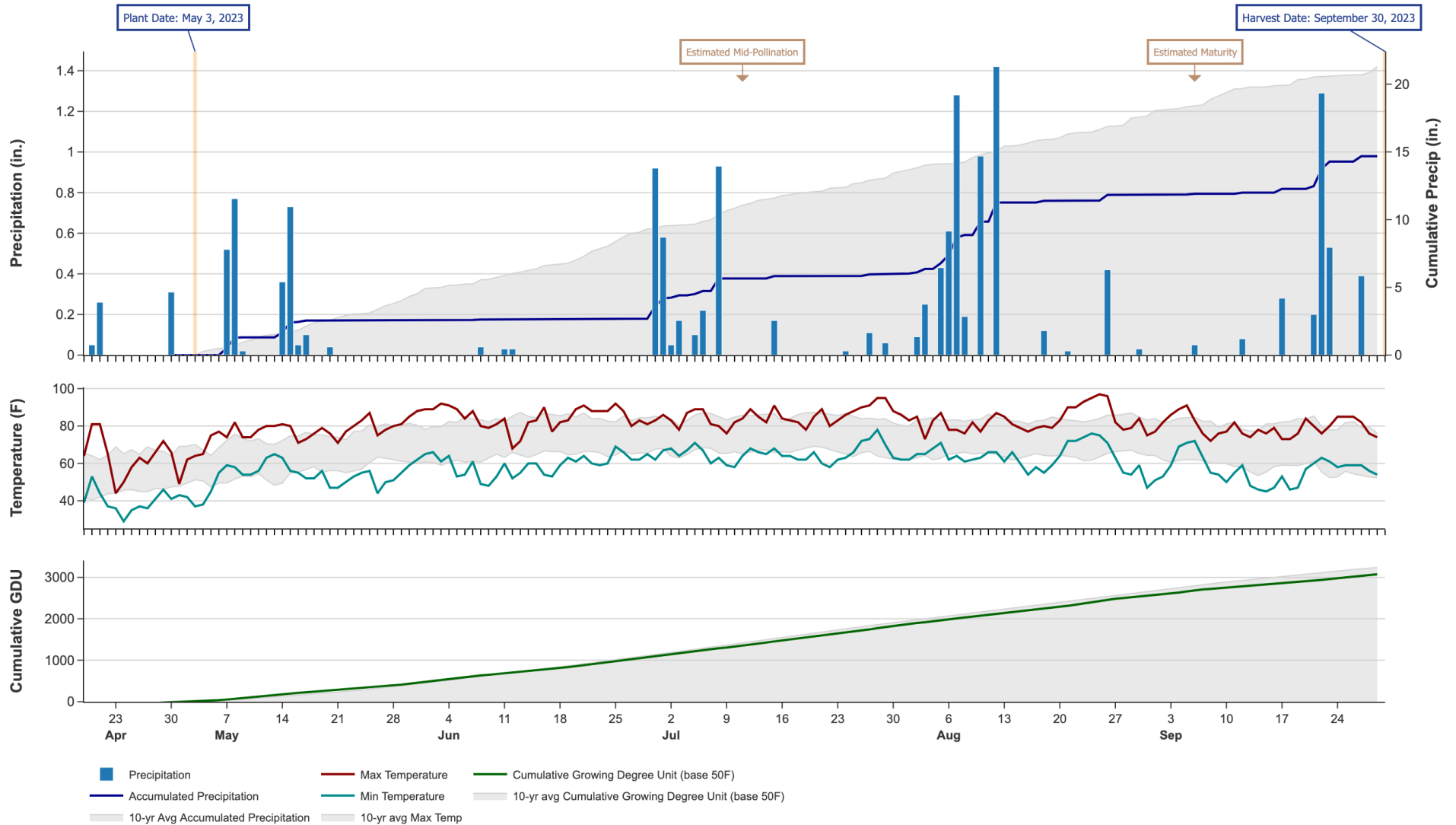
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2023 Corn - Illinois West Central [ILWC]

Weather Conditions Summary at WILLIAMSVILLE, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.6 1.8 (-1.2)	2.6 5.2 (-2.6)	1.0 4.8 (-3.8)	2.4 4.2 (-1.8)	5.8 4.1 (+1.7)	2.8 3.6 (-0.8)	15.3 23.8 (-8.5)
GDU Avg (Diff)	80 94 (-14)	471 455 (+15)	634 716 (-82)	758 782 (-24)	700 741 (-41)	522 569 (-47)	3165 3359 (-194)



* 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.