

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

2023 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRDEN, IL
Roger Ladage, Macoupin County, IL 62690

Early-Season Test	105 - 111 Day CRM B2023ILWC28a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Matador, Roundup Powermax
SOIL DESCRIPTION:	Herrick silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.1 pH, 3.5% OM, 20.0 CEC
PEST MANAGEMENT:	Aatrex, Balance Flexx, Laudis, Ams, Delaro, Silencer, Bifen, Force 3g
FERTILITY - Applied N:	199 Fall
Applied N-P-K (units):	199-92-120
SEEDED - RATE - ROW:	May 3 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 29 36.2 /A

TEST COMMENTS:

This location was planted in absolutely wonderful soil conditions with plenty of moisture for nice emergence. Just right conditions in May turned very dry in June and then ideal again in July and August according to Roger. Minimal tip back was noted with nice cob size and kernel depth. Plot was standing very nice and had little disease pressure until late in the growing season but is thought to have minimal effect on the yield. The plot was fairly dry at harvest due to little rainfall and good heat towards the very end of the growing season. A very nice plot in general given all of the weather challenges.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Brevant	B08R32AM GC ↗	AM	108	281.6	16.4	1	36.6	1279	1
Integra	5802 VT2PRIB ↗	VT2P	108	276.0	14.9	1	36.6	1270	2
NuTech	70B4AM ↗	AM	110	272.8	17.8	1	34.8	1225	4
NuTech	68A9AM ↗	AM	108	272.4	16.4	1	35.7	1238	3
Augusta	A4961 AA ↗	AA	111	271.5	18.9	1	34.8	1206	8
NuTech	70F6Q ↗	QR	110	269.7	16.5	1	34.8	1224	5
AgVenture	AV6010AM ↗	AM	110	267.0	16.6	1	36.6	1211	6
DeKalb	DKC111-35RIB GC ↗	VT2P	111	266.3	16.5	1	34.8	1209	7
Wyffels	W6886 ↗	VT2P	111	266.2	19.9	1	36.6	1173	14
FS InVision	FS 5935X RIB ↗	STX	109	266.1	17.8	1	36.6	1194	11
Wyffels	W5406 ↗	VT2P	108	264.4	16.7	1	34.8	1198	9
Wyffels	W7048 ↗	STX	111	263.9	17.3	1	37.5	1190	12
Burrus	POWER PLUS 5J21AM ↗	AM	110	263.8	16.7	1	35.7	1195	10
Lewis	11DT912 VT2PDG ↗	VT2PDG	111	256.3	14.9	1	35.7	1179	13
Renk	RK811PWE ↗	PCE	111	256.0	15.5	1	36.6	1172	15
Renk	RK703PWE ↗	PCE	106	255.6	16.0	1	36.6	1166	16
Golden Harvest	G11V76-AA ↗	AA	111	255.0	20.2	1	35.7	1120	26
AgVenture	AV2208AM ↗	AM	108	254.0	16.6	1	34.8	1152	17
Green Valley	GV8022VT2PRIB ↗	VT2P	110	253.7	18.1	1	36.6	1136	21
LG Seeds	LG61C34STXRIB ↗	STXP	111	252.3	17.9	1	35.7	1132	22
FS InVision	FS 6017V RIB ↗	VT2P	110	252.1	16.0	1	35.7	1150	18
Integra	5704 SSSPRO ↗	STXP	107	251.3	16.8	1	37.5	1138	19
AgVenture	AV3310Q ↗	QR	110	250.5	16.4	1	33.9	1138	20
Augusta	A1259-5222 ↗	DV	109	247.9	18.1	1	34.8	1110	29
Wyffels	W5778RIB ↗	STX	109	247.5	16.2	1	35.7	1127	25
FS InVision	FS 6025X RIB ↗	STX	110	247.5	17.8	1	36.6	1111	28
Renk	RK766SSPRO ↗	STXP	109	246.5	15.5	1	37.5	1129	24
Renk	RK707TRE ↗	TRE	105	245.8	14.2	1	37.5	1131	23
NuTech	66D1AM ↗	AM	106	244.4	16.1	1	37.5	1113	27
Wyffels	W6215 ↗	TRE	109	241.7	16.2	1	36.6	1100	30
PIONEER	P1108Q CK	QR	111	219.1	17.8	1	37.5	984	45
				Averages =	250.4	16.9	1	36.2	1133
				LSD (0.10) =	10.8	1.1	ns		
				LSD (0.25) =	5.7	0.6	ns		
				C.V. =	4.1				
				Historic yield: 212.6 bu/a, 26 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: 09/29/2023

† 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] VIRDEN, IL

Roger Ladage, Macoupin County, IL 62690

Full-Season Test	112 - 116 Day CRM B2023ILWC28b
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Matador, Roundup Powermax
SOIL DESCRIPTION:	Herrick silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.1 pH, 3.5% OM, 20.0 CEC
PEST MANAGEMENT:	Aatrex, Balance Flexx, Laudis, Ams, Delaro, Silencer, Bifen, Force 3g
FERTILITY - Applied N:	199 Fall
Applied N-P-K (units):	199-92-120
SEEDED - RATE - ROW:	May 3 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 29 36.2 /A

TEST COMMENTS:

This location was planted in absolutely wonderful soil conditions with plenty of moisture for nice emergence. Just right conditions in May turned very dry in June and then ideal again in July and August according to Roger. Minimal tip back was noted with nice cob size and kernel depth. Plot was standing very nice and had little disease pressure until late in the growing season but is thought to have minimal effect on the yield. The plot was fairly dry at harvest due to little rainfall and good heat towards the very end of the growing season. A very nice plot in general given all of the weather challenges.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Burrus	7F33 VT2P ↗	VT2P	114	277.2	19.8	1	36.6	1222	1
Lewis	15DT624 ↗	TRE	115	271.1	18.9	1	35.7	1205	2
Wyffels	W7876RIB ↗	VT2P	114	270.0	20.1	1	36.6	1187	5
Great Heart	HT-7500TRE ↗	TRE	115	268.7	20.8	1	37.5	1174	9
AgVenture	AV3213AM ↗	AM	113	267.5	20.1	1	37.5	1176	8
Cornelius	C7366DGDP ↗	VT2PDG	113	266.7	19.2	1	35.7	1182	6
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	266.6	18.6	1	35.7	1188	4
Burrus	7P71 VT2P ↗	VT2P	115	264.8	19.2	1	35.7	1174	10
Stone	6542RIB ↗	VT2P	115	264.7	20.3	1	36.6	1162	18
Integra	6244 PWE ↗	PCE	112	264.4	16.9	1	37.5	1196	3
Stone	1504TRE ↗	TRE	115	263.4	19.3	1	35.7	1167	12
NuTech	73A4AM ↗	AM	113	263.2	20.4	1	35.7	1154	20
Renk	RK958VT2P ↗	VT2P	115	263.0	19.4	1	36.6	1164	15
Lewis	13DT644 ↗	TRE	113	261.6	17.1	1	36.6	1181	7
AgVenture	AV9412AM ↗	AM	112	260.8	17.6	1	37.5	1173	11
ProHarvest	8360 VT2PRIB ↗	VT2P	113	260.6	18.3	1	35.7	1164	16
NK Brand	NK1480-DV ↗	DV	114	260.3	18.3	1	36.6	1163	17
Green Valley	GV8212VT2PRIB ↗	VT2P	112	259.5	18.5	1	36.6	1158	19
Renk	RK876VT2P ↗	VT2P	113	259.4	17.8	1	35.7	1165	14
ProHarvest	83P66 VT2P ↗	VT2P	113	258.8	19.0	1	36.6	1149	21
Great Heart	HT-7360VT2P ↗	VT2P	113	258.7	19.8	1	35.7	1140	25
Stone	1304TRE ↗	TRE	113	258.7	17.3	1	34.8	1166	13
Renk	RK940SSTX ↗	STX	115	258.6	18.9	1	35.7	1149	22
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	257.9	19.3	1	34.8	1142	24
NuTech	74C4AM ↗	AM	114	257.8	19.8	1	37.5	1136	26
Lewis	15DT512 ↗	TRE	115	257.5	20.0	1	36.6	1133	27
Wyffels	W8086 ↗	VT2P	114	255.9	19.4	1	35.7	1132	28
Green Valley	GV8433PWE ↗	PCE	114	255.3	20.1	1	36.6	1122	30
NuTech	73A6Q ↗	QR	113	254.7	17.8	1	36.6	1143	23
DeKalb	DKC64-22RIB GC ↗	VT2P	114	253.3	18.8	1	37.5	1127	29
PIONEER	P1108Q CK	QR	111	246.7	18.2	1	36.6	1103	41
				Averages =	252.2	19.0	1	36.2	1119
				LSD (0.10) =	8.8	0.8	ns		
				LSD (0.25) =	4.6	0.4	ns		
				C.V. =	3.3	Historic yield: 212.6 bu/a, 26 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: 09/29/2023

† 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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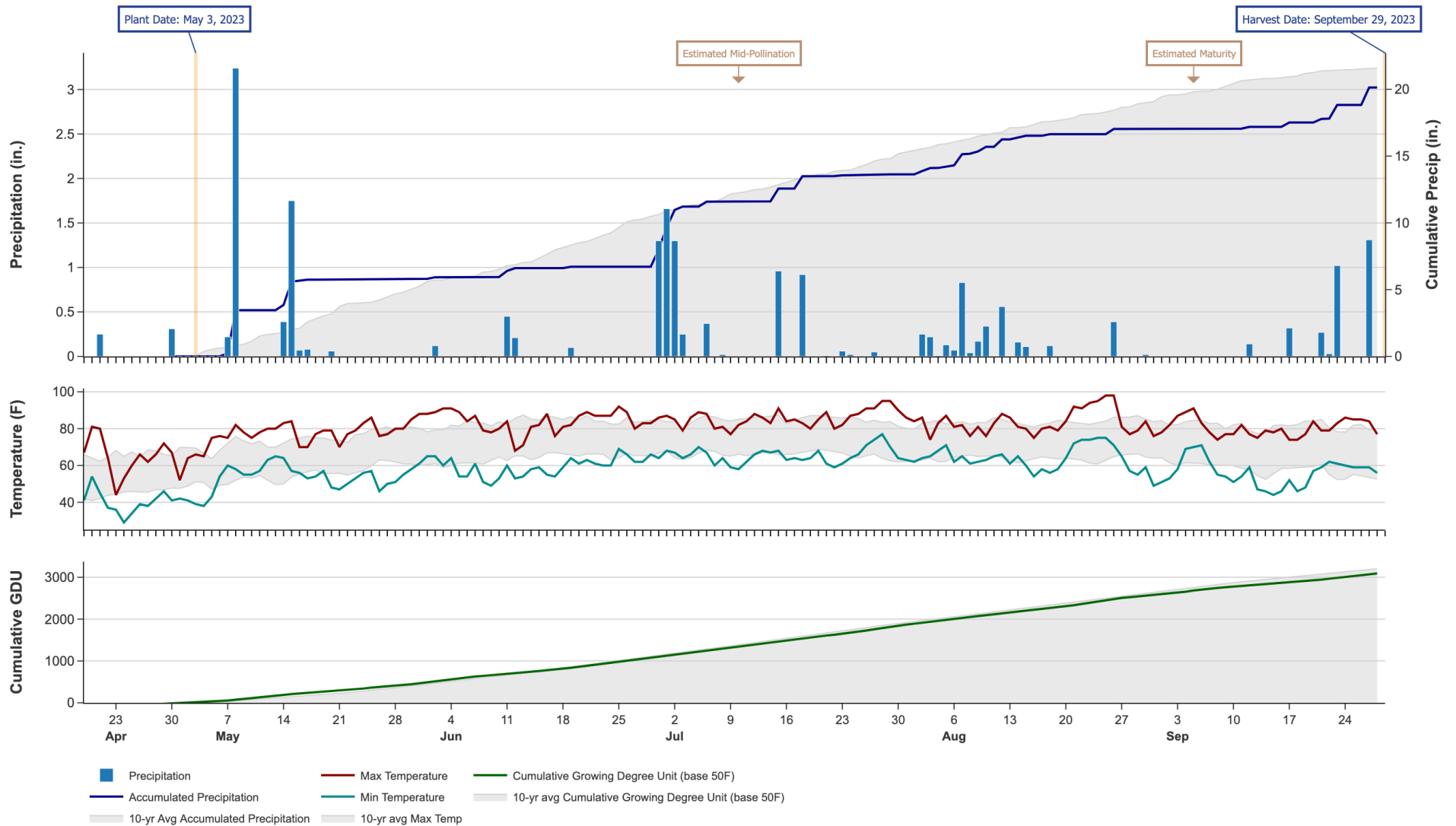
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2023 Corn - Illinois West Central [ILWC]

Weather Conditions Summary at VIRDEN, IL

Weather Data Retrieved: 09/29/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.6 2.4 (-1.8)	5.8 5.9 (-0.1)	2.2 5.4 (-3.2)	5.6 4.7 (+0.9)	3.4 3.8 (-0.4)	3.1 2.5 (+0.6)	20.7 24.6 (-3.9)
GDU Avg (Diff)	90 94 (-4)	482 450 (+31)	634 714 (-80)	766 781 (-15)	707 735 (-28)	518 552 (-34)	3197 3329 (-132)



* 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.