

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] CENTRAL CITY, IA
Jim Greif, Linn County, IA 52310

Early-Season Test	105 - 110 Day CRM B2024IAEC11a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Authority First, Salavar/2-4-D, Buccaneer 5, Liberty
SOIL DESCRIPTION:	Kenyon loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.8 pH, 2.9% OM, 13.6 CEC
PEST MANAGEMENT:	Round Up, Outlook, Status, Atz, Veltyma
FERTILITY - Applied N:	180 Spring, 17 Planter
Applied N-P-K (units):	197-78-90
SEEDED - RATE - ROW:	May 16 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 24 32.7 /A

TEST COMMENTS:

This location was wet to start and we got a good window to plant in very good conditions. The plot sits on a nice south-facing slope that did not pond. After planting it received numerous rain showers and emerged well. Plants grew tall and pollinated well with a variety of ear sizes. Plants stood well with no lodging issues and very little disease appeared. With the wet conditions, some late ragweed pushed through and did affect some strips. Sturdy cobs made shelling easy. For the past few years, this location has been under major drought. This year it received numerous rain showers early then turned dry.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	69C7PCE ↗	PCE	109	289.4	14.6	1	31.9	1412	1
FS InVision	FS 6042F RIB ↗	VT4P	110	283.0	14.9	1	31.9	1381	2
FS InVision	FS 5845P RIB ↗	STXP	108	275.4	13.8	1	31.9	1344	3
Wyffels	W6505 ↗	TRE	110	275.3	13.9	1	31.9	1343	4
Renk	RK773TRE ↗	TRE	109	269.4	13.0	1	32.9	1315	5
Wyffels	W5406RIB ↗	VT2P	108	267.3	14.0	1	31.9	1304	6
FS InVision	FS 6025X RIB ↗	STX	110	265.6	14.5	1	31.9	1296	7
Dyna-Gro	D49PN05RA ↗	PCE	109	263.2	14.0	1	32.9	1284	9
FS InVision	FS 5949PC RA ↗	PCE	109	257.4	13.7	1	32.9	1256	10
Integra	6061 SSRIB ↗	STX	110	257.2	15.4	1	31.9	1251	11
NuTech	66D1AM ↗	AM	106	252.0	12.5	1	32.9	1230	12
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	251.6	13.7	1	32.9	1228	13
Renk	RK766SSPRO ↗	STXP	109	251.5	12.4	1	33.8	1227	14
Renk	RK800VT4PRO ↗	VT4P	110	251.3	14.4	1	31.9	1226	15
NuTech	69B5V ↗	VE	109	250.8	14.7	1	32.9	1224	16
NuTech	66C2V ↗	VE	106	249.8	13.2	1	31.9	1219	17
Golden Harvest	G08U00-V ↗	V	108	248.3	13.0	1	33.8	1212	18
Titan Pro	39-08 PCE ↗	PCE	108	243.8	13.1	1	32.9	1190	19
NuTech	68C1V ↗	VE	108	242.7	14.0	1	32.9	1184	20
Wyffels	W6479 ↗	STXP	110	242.1	15.1	1	32.9	1181	21
Merschman	2408C-30 GC ↗	PCE	108	241.3	14.4	1	31.9	1178	22
Titan Pro	31-10 PCE ↗	PCE	110	241.3	13.3	1	33.8	1178	23
Integra	5802 VT2PRIB ↗	VT2P	108	234.6	13.0	1	33.8	1145	24
Titan Pro	42-07 PCE ↗	PCE	107	233.5	13.3	1	32.9	1139	25
FS InVision	FS 5947T RIB ↗	TRE	109	231.9	13.6	1	32.9	1132	26
Titan Pro	44-06 PCE ↗	PCE	106	231.8	13.2	1	32.9	1131	27
Dyna-Gro	D50SP65RIB ↗	STXP	110	224.2	13.5	1	34.8	1094	28
Wyffels	W6215RIB ↗	TRE	109	223.9	13.4	1	31.9	1093	29
Integra	5935PCE ↗	PCE	109	217.7	13.0	1	32.9	1062	30
PIONEER	P1027AM CK	AM	110	265.1	14.0	1	32.9	1294	8
				Averages =	251.1	13.8	1	32.7	1225
				LSD (0.10) =	10.2	0.7	ns		
				LSD (0.25) =	5.3	0.4	ns		
				C.V. =	3.8				
				Historic yield: 209.36 bu/a, 22 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.88

Report Date: 10/24/2024

† 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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2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] CENTRAL CITY, IA
Jim Greif, Linn County, IA 52310

Full-Season Test	111 - 115 Day CRM B2024IAEC11b
Top 30 of 41	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Authority First, Salavar/2-4-D, Buccaneer 5, Liberty
SOIL DESCRIPTION:	Kenyon loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.8 pH, 2.9% OM, 13.6 CEC
PEST MANAGEMENT:	Round Up, Outlook, Status, Atz, Veltyma
FERTILITY - Applied N:	180 Spring, 17 Planter
Applied N-P-K (units):	197-78-90
SEEDED - RATE - ROW:	May 16 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 24 32.4 /A

TEST COMMENTS:

This location was wet to start and we got a good window to plant in very good conditions. The plot sits on a nice south-facing slope that did not pond. After planting it received numerous rain showers and emerged well. Plants grew tall and pollinated well with a variety of ear sizes. Plants stood well with no lodging issues and very little disease appeared. With the wet conditions, some late ragweed pushed through and did affect some strips. Sturdy cobs made shelling easy. For the past few years, this location has been under major drought. This year it received numerous rain showers early then turned dry.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6349PC RA ↗	PCE	113	284.8	15.7	1	30.9	1382	1
Renk	RK825VT4P ↗	VT4P	112	282.0	15.8	1	31.9	1367	2
Golden Harvest	G12U11-AA ↗	AA	112	278.8	15.5	1	32.9	1355	3
ProHarvest	83P66 VT2PRIB ↗	VT2P	113	268.1	17.0	1	32.9	1287	5
Cornelius	C7308TRE ↗	TRE	113	266.7	16.0	1	33.3	1291	4
Wyffels	W7945RIB ↗	TRE	114	266.0	17.2	1	33.3	1275	8
Epley	E2109PCE ↗	PCE	111	262.1	14.7	1	31.9	1279	7
DeKalb	DKC66-06RIB GC ↗	TRE	116	259.9	16.9	1	31.9	1249	12
Pioneer	P16544PCE GC ↗	PCE	116	258.1	16.5	1	33.8	1244	13
Wyffels	W7876RIB ↗	VT2P	114	258.1	15.5	1	33.8	1254	10
NuTech	74A5PCE ↗	PCE	114	257.7	15.5	1	32.9	1253	11
FS InVision	FS 6217X RIB ↗	STX	112	257.6	14.8	1	31.9	1257	9
Integra	6274 VT2PRIB ↗	VT2P	112	257.5	16.7	1	31.9	1239	16
Cornelius	C6D72 VT2P ↗	VT2P	114	256.4	16.0	1	32.9	1241	14
NuTech	73A4AM ↗	AM	113	255.2	16.3	1	31.9	1232	17
NuTech	71A7V ↗	VE	111	254.0	14.6	1	32.9	1240	15
Titan Pro	40-13 PCE ↗	PCE	113	252.4	15.7	1	31.9	1225	19
NuTech	70B4AM ↗	AM	110	252.3	15.2	1	31.9	1229	18
NuTech	72C1PCE ↗	PCE	112	252.2	15.9	1	32.9	1222	20
LG Seeds	LG64C43VT2RIB GC ↗	VT2P	114	251.4	16.2	1	32.9	1214	21
LG Seeds	LG61C28-3110 GC ↗	3110	111	248.5	15.8	1	31.9	1204	22
Renk	RK876VT2P ↗	VT2P	113	248.1	16.7	1	31.9	1194	23
FS InVision	FS 6447T RIB ↗	TRE	114	245.4	16.3	1	33.8	1185	25
Renk	RK921VT2P ↗	VT2P	115	244.5	15.5	1	32.9	1189	24
Cornelius	C7590DP ↗	VT2P	115	244.4	15.9	1	31.9	1184	26
Titan Pro	33-12 PCE ↗	PCE	112	244.0	16.5	1	32.9	1176	29
Wyffels	W7485 ↗	TRE	112	243.1	15.6	1	31.9	1181	27
Golden Harvest	G13U96-DV ↗	DV	113	242.4	15.3	1	32.9	1180	28
FS InVision	FS 6432P RIB ↗	STXP	114	240.4	15.7	1	31.9	1166	30
FS InVision	FS 6245V RIB ↗	VT2P	112	239.8	15.8	1	31.9	1163	31
PIONEER	P1027AM CK	AM	110	263.3	14.0	1	31.9	1285	6
				Averages =	249.0	15.8	1	32.4	1209
				LSD (0.10) =	15.0	0.7	ns		
				LSD (0.25) =	7.9	0.4	ns		
				C.V. =	5.7	Historic yield: 209.36 bu/a, 22 yr(s)			

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.88

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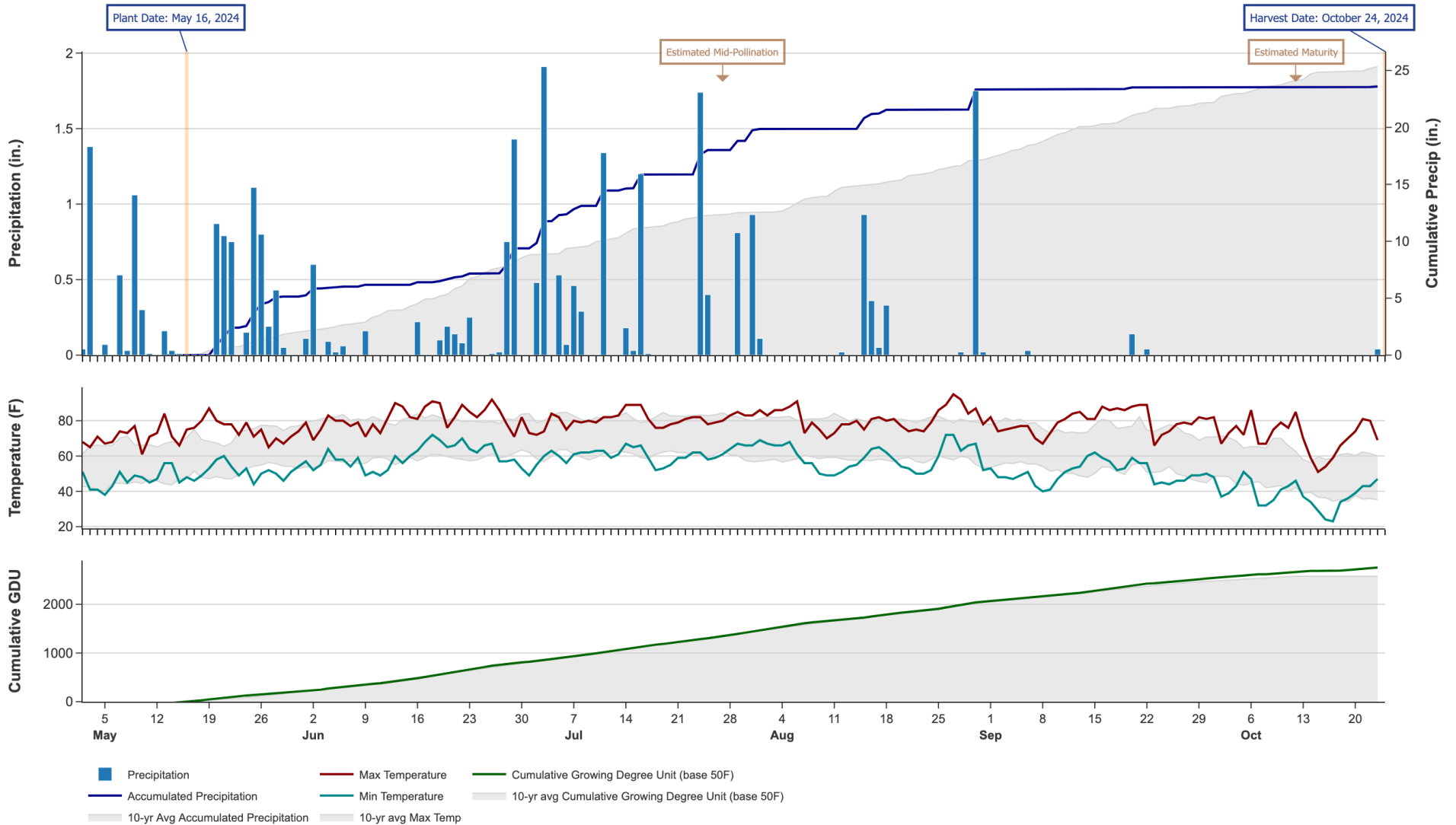
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2024 Corn - Iowa East Central [IAEC]

Weather Conditions Summary at CENTRAL CITY, IA

Weather Data Retrieved: 10/24/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	8.8 3.9 (+4.9)	4.2 6.5 (-2.3)	10.4 4.0 (+6.4)	3.6 4.6 (-1.0)	0.2 5.0 (-4.8)	0.0 3.2 (-3.1)	27.2 27.2 (0.0)
GDU Avg (Diff)	368 318 (+49)	606 584 (+21)	632 663 (-31)	614 601 (+12)	475 430 (+44)	225 104 (+120)	2920 2703 (+216)



* 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.

2024 Corn - Iowa East Central [IAEC]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D50SP65RIB	STXP	Y	110	AC,P5V,EDC-B
FS InVision	FS 5845P RIB	STXP	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
LG Seeds	LG58C48VT2PRIB GC	VT2P	Y	108	AC,P2
Merschman	2408C-30 GC	PCE	N*	108	NA
NuTech	66C2V	VE	Y	106	LumPro P2
NuTech	66D1AM	AM	Y	106	LumPro P2
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69B5V	VE	Y	109	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Titan Pro	31-10 PCE	PCE	N	110	CM,C2,Vi,Va
Titan Pro	39-08 PCE	PCE	N	108	CM,C2,Vi,Va
Titan Pro	42-07 PCE	PCE	Y	107	CM,C2,Vi,Va
Titan Pro	44-06 PCE	PCE	Y	106	CM,C2,Vi,Va
Wyffels	W5406RIB	VT2P	Y*	108	CM,C2,Vi,Va
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6479	STXP	N	110	AC,P5V
Wyffels	W6505	TRE	N	110	AC,P5V

* 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.

2024 Corn - Iowa East Central [IAEC]

Full-Season Test Products (41 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Cornelius	C6D72 VT2P	VT2P	N	114	CM,C2,Vi,Va
Cornelius	C7308TRE	TRE	N	113	CM,C2,Vi,Va
Cornelius	C7590DP	VT2P	N	115	CM,C2,Vi,Va
DeKalb	DKC66-06RIB GC	TRE	Y	116	AC,P5V
Dyna-Gro	D53SP85RIB	STXP	Y	113	AC,P5V
Epley	E2109PCE	PCE	N	111	F
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G13U96-DV	DV	Y	113	CM,C1,Vi,Va
Golden Harvest	G15U34-V	V	Y	115	CM,C2,Vi,Va
Integra	6244PCE	PCE	N	112	AC,P5V,St,SU
Integra	6274 VT2PRIB	VT2P	Y	112	NA
Integra	6365SSPRO	STXP	Y	113	NA
LG Seeds	LG61C28-3110 GC	3110	Y	111	AGM
LG Seeds	LG64C43VT2RIB GC	VT2P	Y*	114	AC,P5V
Merschman	2512C-30 GC	PCE	N*	112	CM,C2,Vi,Va
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	71A7V	VE	Y	111	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Pioneer	P16544PCE GC	PCE	Y	116	Lum, L1
ProHarvest	83P66 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,Va
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Renk	RK921VT2P	VT2P	N	115	AC,P5V,EDC-EL
Renk	RK958VT2P	VT2P	Y*	115	AC,P2
Titan Pro	33-12 PCE	PCE	N	112	CM,C2,Vi,Va
Titan Pro	40-13 PCE	PCE	Y	113	CM,C2,Vi,Va
Wyffels	W7485	TRE	N	112	AC,P5V
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	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.

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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
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®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	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,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
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,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AGM	AgriShield Max
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
F	Fungicide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematocide

* Seed treatments may include unspecified plant health promoting components.