

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

2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] SULLY, IA
Lawrence & Mike Van Zee, Jasper County, IA 50219

Early-Season Test	105 - 110 Day CRM B2024IAEC13a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Mahaska silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	No-Till, high P, high K, 6.7 pH, 3.6% OM, 15.0 CEC
PEST MANAGEMENT:	Bore Max, Stalwaet, Glyphosate, Atrazine, Pro Pay
FERTILITY - Applied N:	164 Spring
Applied N-P-K (units):	164-0-0
SEEDED - RATE - ROW:	Apr 25 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 8 32.2 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged well. Plants grew tall and had strong stalks. Light tar spot could be seen throughout the plot. There were well-pollinated ears and no weed pressure. Plants matured well with some having the tops break off but no lodging could be seen. Ears shanks held well and sturdy cobs made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	69C7PCE ↗	PCE	109	273.8	14.9	1	31.9	1336	1
Wyffels	W6479 ↗	STXP	110	272.5	15.1	1	31.9	1329	2
FS InVision	FS 5947T RIB ↗	TRE	109	270.4	14.7	1	31.9	1320	3
FS InVision	FS 6042F RIB ↗	VT4P	110	270.3	16.0	1	32.9	1309	5
FS InVision	FS 6025X RIB ↗	STX	110	269.5	15.5	1	32.9	1309	6
Wyffels	W5406RIB ↗	VT2P	108	268.1	14.7	1	32.9	1308	7
Integra	5935PCE ↗	PCE	109	266.7	14.3	1	32.9	1301	8
Titan Pro	39-08 PCE ↗	PCE	108	263.3	15.0	1	32.9	1285	9
NuTech	68C1V ↗	VE	108	262.2	14.3	1	31.9	1280	10
Titan Pro	42-07 PCE ↗	PCE	107	260.5	14.2	1	30.9	1271	11
Integra	5802 VT2PRIB ↗	VT2P	108	259.8	14.2	1	32.9	1268	12
Dyna-Gro	D50SP65RIB ↗	STXP	110	258.2	13.9	1	30.5	1260	13
FS InVision	FS 5949PC RA ↗	PCE	109	257.3	14.0	1	31.9	1256	14
Golden Harvest	G08U00-V ↗	V	108	255.4	14.8	1	31.9	1246	15
Renk	RK800VT4PRO ↗	VT4P	110	254.0	14.1	1	32.9	1240	16
Titan Pro	44-06 PCE ↗	PCE	106	252.1	14.2	1	31.9	1230	17
Integra	6061 SSRIB ↗	STX	110	251.6	16.0	1	33.8	1218	20
Dyna-Gro	D49PN05RA ↗	PCE	109	250.2	14.5	1	30.5	1221	18
Merschman	2408C-30 GC ↗	PCE	108	250.2	14.3	1	32.9	1221	19
NuTech	69B5V ↗	VE	109	247.7	14.6	1	31.9	1209	21
FS InVision	FS 5845P RIB ↗	STXP	108	245.4	14.7	1	31.9	1198	22
Wyffels	W6505 ↗	TRE	110	244.2	15.1	1	32.9	1191	23
Titan Pro	31-10 PCE ↗	PCE	110	242.6	15.2	1	31.9	1182	24
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	241.8	14.2	1	31.9	1180	25
Renk	RK773TRE ↗	TRE	109	239.9	13.9	1	31.9	1171	26
NuTech	66C2V ↗	VE	106	239.7	14.8	1	31.9	1170	27
NuTech	66D1AM ↗	AM	106	237.9	14.6	1	31.9	1160	28
Wyffels	W6215RIB ↗	TRE	109	237.0	14.0	1	31.9	1157	29
Renk	RK766SSPRO ↗	STXP	109	233.6	14.0	1	31.9	1140	30
PIONEER	P1027AM CK	AM	110	271.6	15.6	1	33.8	1319	4



Randy Meinsma

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Averages = **255.0** **14.7** **1** **32.2** **1243**

LSD (0.10) = 8.3 0.6 ns

LSD (0.25) = 4.3 0.3 ns

C.V. = 3.1

Historic yield: 231.53 bu/a, 13 yr(s)

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

Report Date: Oct. 8, 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] SULLY, IA
Lawrence & Mike Van Zee, Jasper County, IA 50219

Full-Season Test	111 - 115 Day CRM B2024IAEC13b
Top 30 of 41	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Mahaska silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	No-Till, high P, high K, 6.7 pH, 3.6% OM, 15.0 CEC
PEST MANAGEMENT:	Bore Max, Stalwaet, Glyphosate, Atrazine, Pro Pay
FERTILITY - Applied N:	164 Spring
Applied N-P-K (units):	164-0-0
SEDED - RATE - ROW:	Apr 25 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 8 32.5 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged well. Plants grew tall and had strong stalks. Light tar spot could be seen throughout the plot. There were well-pollinated ears and no weed pressure. Plants matured well with some having the tops break off but no lodging could be seen. Ears shanks held well and sturdy cobs made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6447T RIB ↗	TRE	114	276.7	17.3	1	32.9	1324	1
Integra	6365SSPRO ↗	STXP	113	271.5	16.3	1	31.9	1311	3
NuTech	72C1PCE ↗	PCE	112	269.4	16.3	1	31.9	1300	5
ProHarvest	84P78 TRERIB ↗	TRE	114	269.2	16.0	1	32.9	1303	4
Golden Harvest	G12U11-AA ↗	AA	112	268.4	16.1	1	31.9	1298	7
Wyffels	W7759RIB ↗	STXP	113	268.1	16.0	1	33.8	1298	8
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	266.6	17.4	1	32.9	1275	11
FS InVision	FS 6349PC RA ↗	PCE	113	266.6	15.1	1	31.9	1300	6
Merschman	2512C-30 GC ↗	PCE	112	264.1	15.2	1	32.9	1286	9
Renk	RK825VT4P ↗	VT4P	112	263.4	17.2	1	33.8	1262	13
DeKalb	DKC66-06RIB GC ↗	TRE	116	262.3	17.8	1	31.9	1251	15
NuTech	71A7V ↗	VE	111	262.1	15.1	1	31.9	1277	10
NuTech	70B4AM ↗	AM	110	260.0	15.1	1	33.8	1267	12
Pioneer	P16544PCE GC ↗	PCE	116	259.9	17.4	1	33.3	1243	17
NuTech	73A4AM ↗	AM	113	259.2	16.3	1	32.9	1251	16
Integra	6244PCE ↗	PCE	112	259.0	15.5	1	33.3	1259	14
LG Seeds	LG64C43VT2RIB GC ↗	VT2P	114	258.2	16.8	1	32.9	1241	18
FS InVision	FS 6432P RIB ↗	STXP	114	256.2	16.6	1	31.9	1234	20
Wyffels	W8086RIB ↗	VT2P	114	255.6	17.0	1	30.9	1227	22
Titan Pro	33-12 PCE ↗	PCE	112	255.4	16.0	1	32.9	1236	19
Renk	RK921VT2P ↗	VT2P	115	254.6	17.5	1	32.9	1217	24
Renk	RK876VT2P ↗	VT2P	113	253.6	16.3	1	32.9	1225	23
Wyffels	W7485 ↗	TRE	112	253.2	15.2	1	31.9	1234	21
ProHarvest	83P66 VT2PRIB ↗	VT2P	113	252.2	17.3	1	31.9	1208	27
Titan Pro	40-13 PCE ↗	PCE	113	250.9	15.8	1	32.9	1216	25
NuTech	74A5PCE ↗	PCE	114	249.8	16.8	1	31.9	1201	28
Integra	6274 VT2PRIB ↗	VT2P	112	249.5	15.8	1	31.9	1210	26
Cornelius	C6D72 VT2P ↗	VT2P	114	246.4	16.9	1	31.9	1183	29
Wyffels	W7876RIB ↗	VT2P	114	243.7	16.2	1	31.9	1178	30
Epley	E2109PCE ↗	PCE	111	241.6	15.4	1	34.8	1175	31
PIONEER	P1027AM CK	AM	110	270.9	15.6	1	33.3	1316	2
				Averages =	253.0	16.3	1	32.5	1221
				LSD (0.10) =	7.4	0.6	ns		
				LSD (0.25) =	3.9	0.3	ns		
				C.V. =	2.8				
				Historic yield: 231.53 bu/a, 13 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: Oct. 8, 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

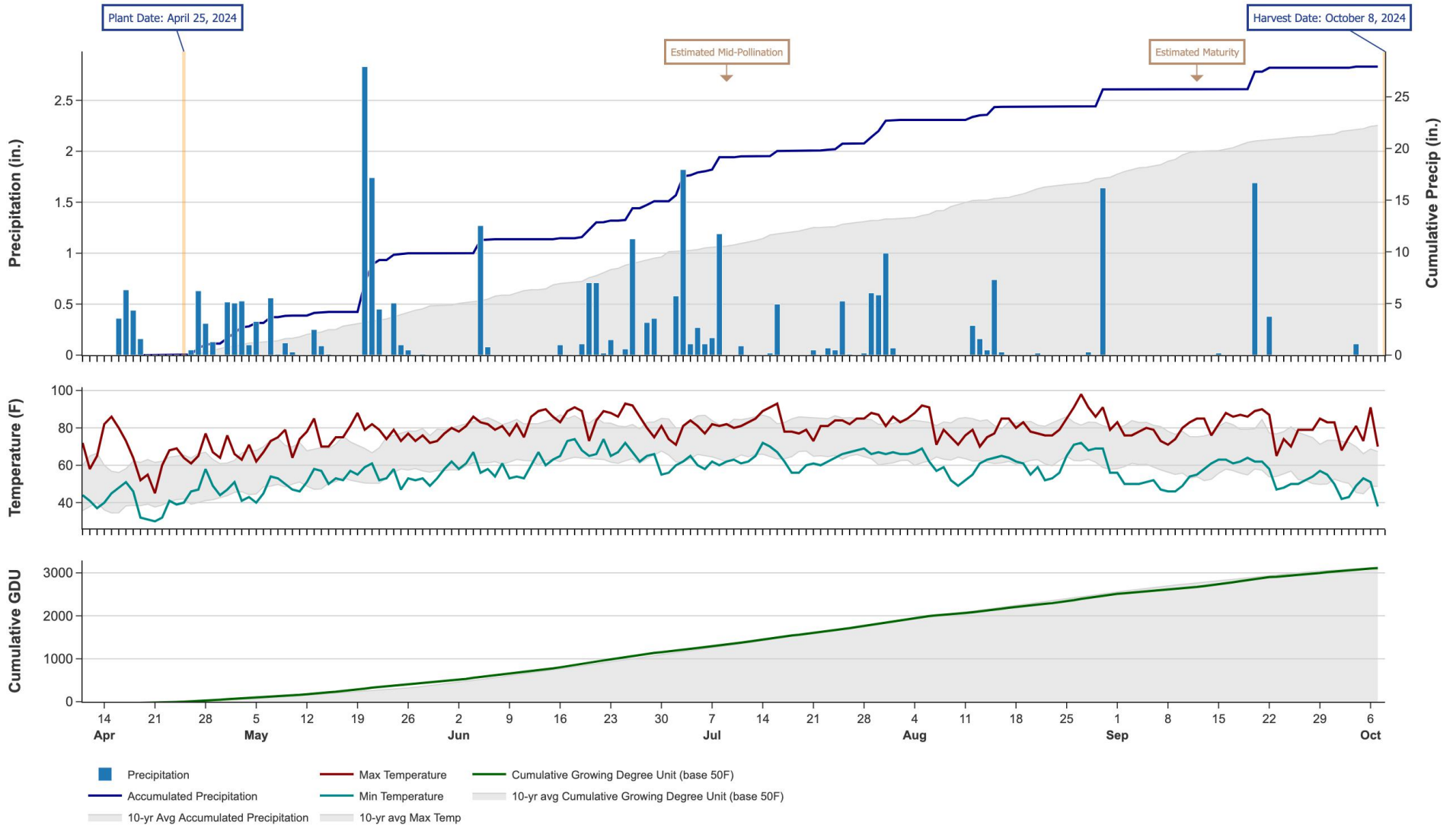
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2024 Corn - Iowa East Central [IAEC]

Weather Conditions Summary at SULLY, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.7 2.1 (+0.6)	8.8 4.2 (+4.5)	5.0 4.7 (+0.3)	7.8 3.7 (+4.1)	3.0 4.0 (-1.0)	2.1 4.2 (-2.1)	0.1 0.8 (-0.7)	29.5 23.7 (+5.8)
GDU Avg (Diff)	158 92 (+65)	424 373 (+50)	684 679 (+4)	688 752 (-64)	652 696 (-44)	524 514 (+9)	95 72 (+22)	3225 3180 (+44)



* 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.