

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

## 2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] MUSCATINE, IA  
Diaan Roos, Muscatine County, IA 52716

<b>Early-Season Test</b>	105 - 110 Day CRM B2024IAEC12a
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn, Cover Crop / Buccaneer, Atrazine, Bellum, Diflexx
<b>SOIL DESCRIPTION:</b>	Tama silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 6.2 pH, 3.5% OM, 16.5 CEC
<b>PEST MANAGEMENT:</b>	Buccaneer, Atrazine, Bellum, Diflexx, Fungicide
<b>FERTILITY - Applied N:</b>	190 Spring, fall cattle feed lot manure
<b>Applied N-P-K (units):</b>	190-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 22 33.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 28 31.0 /A

### TEST COMMENTS:

Planting conditions were very good. The plot started to receive good rainfall just 6 days after planting. The plants stood strong and matured fast. Ears were very well pollinated. Most ears were tipped downward at harvest and moistures were dry. Tar spot was all through the plot. No lodging issues were seen; the wind was strong during harvest and plants were holding up well. Base roots looked very good, and strong 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	<b>270.1</b>	15.2	1	30.9	1072	2
FS InVision	FS 6042F RIB ↗	VT4P	110	<b>264.0</b>	14.1	1	31.9	1051	3
Integra	5935PCE ↗	PCE	109	<b>263.6</b>	14.7	1	30.9	1049	4
Integra	5802 VT2PRIB ↗	VT2P	108	<b>262.3</b>	13.9	1	31.9	1044	5
NuTech	69B5V ↗	VE	109	<b>261.8</b>	16.0	1	30.9	1032	6
Wyffels	W6479 ↗	STXP	110	<b>258.1</b>	14.4	1	30.0	1027	7
FS InVision	FS 6025X RIB ↗	STX	110	<b>257.4</b>	14.9	1	31.9	1024	8
Titan Pro	44-06 PCE ↗	PCE	106	251.8	14.5	1	30.0	1002	9
NuTech	66C2V ↗	VE	106	248.8	14.2	1	31.9	990	10
NuTech	66D1AM ↗	AM	106	248.3	14.3	1	30.9	988	11
FS InVision	FS 5947T RIB ↗	TRE	109	247.3	14.9	1	30.9	984	12
Integra	6061 SSRIB ↗	STX	110	247.2	15.0	1	31.9	984	13
Merschman	2408C-30 GC ↗	PCE	108	246.5	14.9	1	30.0	981	14
Titan Pro	31-10 PCE ↗	PCE	110	246.0	14.8	1	31.9	979	15
Titan Pro	42-07 PCE ↗	PCE	107	245.5	14.8	1	29.0	977	16
Golden Harvest	G08U00-V ↗	V	108	244.0	14.2	1	30.9	971	17
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	243.2	14.3	1	29.0	968	18
Titan Pro	39-08 PCE ↗	PCE	108	243.1	16.2	1	31.9	956	21
NuTech	68C1V ↗	VE	108	242.9	14.8	1	30.0	967	19
Renk	RK773TRE ↗	TRE	109	242.1	13.9	1	31.9	964	20
Dyna-Gro	D49PN05RA ↗	PCE	109	241.3	15.6	1	30.0	955	22
Renk	RK800VT4PRO ↗	VT4P	110	238.0	14.6	1	30.9	947	23
Wyffels	W6215RIB ↗	TRE	109	236.4	13.7	1	31.9	941	24
FS InVision	FS 5949PC RA ↗	PCE	109	233.5	13.8	1	31.9	929	25
FS InVision	FS 5845P RIB ↗	STXP	108	231.9	13.7	1	31.9	923	26
Wyffels	W5406RIB ↗	VT2P	108	225.6	13.8	1	31.9	898	27
Dyna-Gro	D50SP65RIB ↗	STXP	110	216.1	13.1	1	30.9	860	28
Renk	RK766SSPRO ↗	STXP	109	211.5	13.7	1	30.9	842	29
Wyffels	W6505 ↗	TRE	110	201.4	14.2	1	31.9	802	30
<b>PIONEER</b>	<b>P1027AM CK</b>	<b>AM</b>	<b>110</b>	<b>278.6</b>	<b>15.5</b>	<b>1</b>	<b>30.0</b>	<b>1104</b>	<b>1</b>
				<b>Averages =</b>	<b>245.0</b>	<b>14.5</b>	<b>1</b>	<b>31.0</b>	<b>974</b>
				<b>LSD (0.10) =</b>	9.6	0.6	ns		
				<b>LSD (0.25) =</b>	5.0	0.3	ns		
				<b>C.V. =</b>	3.7				
				Historic yield: 225.7 bu/a, 14 yr(s)					



Randy Meinsma

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$3.98

Report Date: 09/29/2024

† 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](http://www.firstseedtests.com)

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## 2024 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] MUSCATINE, IA  
Diaan Roos, Muscatine County, IA 52716

<b>Full-Season Test</b>	111 - 115 Day CRM B2024IAEC12b
<b>Top 30 of 41</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn, Cover Crop / Buccaneer, Atrazine, Bellum, Diflexx
<b>SOIL DESCRIPTION:</b>	Tama silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 6.2 pH, 3.5% OM, 16.5 CEC
<b>PEST MANAGEMENT:</b>	Buccaneer, Atrazine, Bellum, Diflexx, Fungicide
<b>FERTILITY - Applied N:</b>	190 Spring, fall cattle feed lot manure
<b>Applied N-P-K (units):</b>	190-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 22 33.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 28 31.1 /A

### TEST COMMENTS:

Planting conditions were very good. The plot started to receive good rainfall just 6 days after planting. The plants stood strong and matured fast. Ears were very well pollinated. Most ears were tipped downward at harvest and moistures were dry. Tar spot was all through the plot. No lodging issues were seen; the wind was strong during harvest and plants were holding up well. Base roots looked very good, and strong cobs made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	73A4AM ↗	AM	113	<b>274.1</b>	16.4	1	30.9	1076	2
NuTech	74A5PCE ↗	PCE	114	<b>272.3</b>	16.8	1	30.9	1065	3
FS InVision	FS 6432P RIB ↗	STXP	114	<b>269.4</b>	16.9	1	30.9	1051	4
ProHarvest	84P78 TRERIB ↗	TRE	114	<b>264.9</b>	15.5	1	31.9	1049	5
Merschman	2512C-30 GC ↗	PCE	112	<b>264.2</b>	16.8	1	31.9	1032	8
NuTech	71A7V ↗	VE	111	<b>264.1</b>	16.5	1	31.9	1035	7
Integra	6365SSPRO ↗	STXP	113	<b>263.5</b>	16.2	1	30.0	1036	6
Renk	RK825VT4P ↗	VT4P	112	<b>263.3</b>	17.8	1	30.9	1019	12
NuTech	72C1PCE ↗	PCE	112	<b>262.1</b>	17.4	1	30.9	1018	13
Pioneer	P16544PCE GC ↗	PCE	116	<b>262.1</b>	16.2	1	30.9	1030	9
Renk	RK876VT2P ↗	VT2P	113	<b>261.5</b>	16.1	1	30.9	1029	10
Golden Harvest	G13U96-DV ↗	DV	113	<b>260.5</b>	17.8	1	30.9	1008	16
FS InVision	FS 6349PC RA ↗	PCE	113	<b>259.7</b>	16.7	1	31.9	1016	14
Wyffels	W7759RIB ↗	STXP	113	<b>259.1</b>	15.7	1	30.9	1024	11
FS InVision	FS 6217X RIB ↗	STX	112	256.4	16.4	1	31.9	1006	17
LG Seeds	LG61C28-3110 GC ↗	3110	111	255.0	16.5	1	30.9	1000	18
Titan Pro	33-12 PCE ↗	PCE	112	254.5	16.9	1	30.9	993	21
Wyffels	W7945RIB ↗	TRE	114	254.1	15.1	1	30.0	1010	15
Titan Pro	40-13 PCE ↗	PCE	113	254.0	16.5	1	30.0	996	20
Golden Harvest	G15U34-V ↗	V	115	253.7	18.4	1	31.9	976	23
NuTech	70B4AM ↗	AM	110	253.1	16.9	1	30.0	988	22
Wyffels	W7876RIB ↗	VT2P	114	250.9	15.1	1	31.9	998	19
Epley	E2109PCE ↗	PCE	111	245.4	17.1	1	30.9	956	26
Renk	RK921VT2P ↗	VT2P	115	244.2	15.4	1	30.9	968	24
Cornelius	C6D72 VT2P ↗	VT2P	114	242.2	14.9	1	30.0	964	25
Golden Harvest	G12U11-AA ↗	AA	112	242.0	16.9	1	30.9	945	28
Cornelius	C7590DP ↗	VT2P	115	240.9	15.7	1	30.0	952	27
Integra	6244PCE ↗	PCE	112	240.4	16.7	1	31.9	940	31
LG Seeds	LG64C43VT2RIB GC ↗	VT2P	114	238.7	16.0	1	30.9	941	30
Dyna-Gro	D53SP85RIB ↗	STXP	113	237.1	14.1	1	31.9	944	29
<b>PIONEER</b>	<b>P1027AM CK</b>	<b>AM</b>	<b>110</b>	<b>272.7</b>	<b>15.6</b>	<b>1</b>	<b>31.9</b>	<b>1078</b>	<b>1</b>
				<b>Averages =</b>	<b>249.8</b>	<b>16.4</b>	<b>1</b>	<b>31.1</b>	<b>980</b>
				LSD (0.10) =	7.6	1.0	ns		
				LSD (0.25) =	4.0	0.5	ns		
				C.V. =	2.9				
Randy Meinsma				Historic yield: 225.7 bu/a, 14 yr(s)					
randym@firstseedtests.com, (815) 238-8007									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.98

Report Date: 09/29/2024

† 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](http://www.firstseedtests.com)

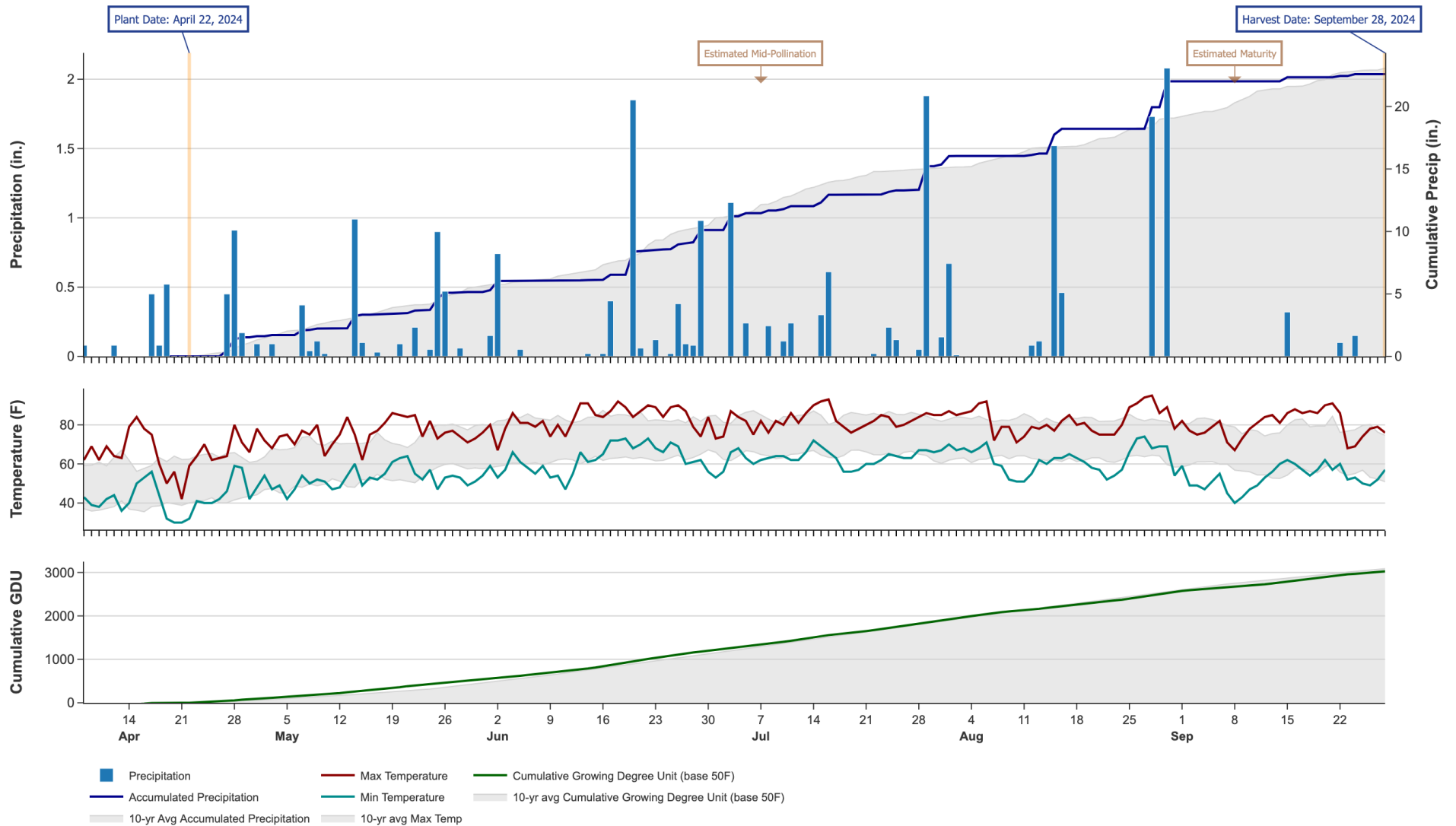
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# 2024 Corn - Iowa East Central [ IAEC ]

## Weather Conditions Summary at MUSCATINE, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in)   (Diff)	2.7   2.4 (+0.3)	3.6   4.5 (-0.9)	5.0   4.9 (+0.1)	5.2   4.6 (+0.7)	6.7   4.0 (+2.7)	0.6   4.0 (-3.4)	23.8   24.4 (-0.6)
GDU   Avg (Diff)	190   103 (+86)	450   392 (+57)	670   678 (-8)	692   757 (-65)	667   702 (-35)	470   498 (-28)	3139   3133 (+5)



\* 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

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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

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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\*

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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.