

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

## 2024 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] HARLAN, IA  
David Reinig, Shelby County, IA 51529

<b>Early-Season Test</b>	105 - 110 Day CRM B2024IAWC21a
<b>Top 30 of 30</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Fierce Mtz, Strut, Roundup Power Max, Warrant, Liberty, Resource, Clethodim
<b>SOIL DESCRIPTION:</b>	Dockery-Quiver silt loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 6.1 pH, 2.5% OM, 17.9 CEC
<b>PEST MANAGEMENT:</b>	Fs Max Supreme, Lumax Ez, Strut, Roundup Power Max, Veltyma, Talent, Pilot 4e
<b>FERTILITY - Applied N:</b>	161 Fall, 11 Spring
<b>Applied N-P-K (units):</b>	172-52-60
<b>SEEDED - RATE - ROW:</b>	May 10 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 31.1 /A

### TEST COMMENTS:

Planting conditions were very good. The plot received over 3 inches of rain in the first part of May. The field was tilled very well and no ponding was seen. Plants emerged well and grew tall, had very large ears, and were pollinated to the tip. No lodging issues and very light tar spot were seen throughout the plot. Sturdy cobs made shelling easy. This was an outstanding looking plot. The only issue was weak ear shanks - the large ears just dropped off plants into the combine.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 5947T RIB ↗	TRE	109	<b>301.1</b>	14.8	1	30.9	1283	2
Wyffels	W6215RIB ↗	TRE	109	<b>297.2</b>	15.2	1	30.9	1264	3
Integra	6061 SSRIB ↗	STX	110	<b>297.0</b>	16.3	1	30.9	1249	5
Dyna-Gro	D50SP65RIB ↗	STXP	110	<b>294.2</b>	14.5	1	28.0	1253	4
FS InVision	FS 5935X RIB ↗	STX	109	<b>291.9</b>	14.8	1	31.9	1243	6
FS InVision	FS 6025X RIB ↗	STX	110	<b>288.8</b>	15.5	1	31.9	1225	7
Wyffels	W6505 ↗	TRE	110	287.2	15.1	1	30.9	1223	8
Dyna-Gro	D49PN05RA ↗	PCE	109	285.9	14.4	1	30.9	1218	9
Hoegemeyer	7836V ↗	VE	108	283.3	14.2	1	31.9	1207	10
Wyffels	W6479 ↗	STXP	110	283.1	15.2	1	30.9	1204	11
Cornelius	C7026PCE ↗	PCE	110	282.6	16.4	1	30.0	1188	14
Integra	5935PCE ↗	PCE	109	282.2	14.6	1	30.9	1202	12
Pioneer	P0529Q GC ↗	QR	105	281.8	14.7	1	30.0	1200	13
Rob-See-Co	RC6026-PCE ↗	PCE	110	278.5	15.3	1	30.9	1183	15
Renk	RK766SSPRO ↗	STXP	109	278.1	16.0	1	31.9	1174	18
Wyffels	W5406RIB ↗	VT2P	108	277.2	15.3	1	32.9	1177	16
Hoegemeyer	8014PCE ↗	PCE	110	276.2	14.9	1	30.9	1177	17
Integra	5802 VT2PRIB ↗	VT2P	108	275.7	14.3	1	30.9	1174	19
Renk	RK800VT4PRO ↗	VT4P	110	273.7	14.6	1	32.9	1166	20
Merschman	2408C-30 GC ↗	PCE	108	273.5	14.3	1	30.9	1165	21
Renk	RK773TRE ↗	TRE	109	273.4	14.0	1	29.0	1165	22
FS InVision	FS 6042F RIB ↗	VT4P	110	271.3	14.9	1	30.9	1156	23
Cornelius	C7021DP ↗	VT2P	110	271.2	14.8	1	31.9	1155	24
Rob-See-Co	RC5768-VT2P ↗	VT2P	107	268.1	15.0	1	31.9	1142	25
Golden Harvest	G08U00-V ↗	V	108	268.0	14.4	1	31.9	1142	26
Hoegemeyer	8046V ↗	VE	110	267.2	15.3	1	31.9	1135	27
FS InVision	FS 5949PC RA ↗	PCE	109	264.7	14.6	1	30.9	1128	28
Hoegemeyer	7591V ↗	VE	105	264.1	13.2	1	30.0	1125	29
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	253.1	14.4	1	31.9	1078	30
<b>PIONEER</b>	<b>P1027AM CK</b>	<b>AM</b>	<b>110</b>	<b>308.9</b>	<b>16.1</b>	<b>1</b>	<b>31.9</b>	<b>1302</b>	<b>1</b>
				<b>Averages =</b>	<b>280.0</b>	<b>14.9</b>	<b>1</b>	<b>31.1</b>	<b>1190</b>
				LSD (0.10) =	8.3	0.7	ns		
				LSD (0.25) =	4.3	0.3	ns		
				C.V. =	2.8				
Randy Meinsma				Historic yield: 255.94 bu/a, 2 yr(s)					
randym@firstseedtests.com, (815) 238-8007									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.26

Report Date: 10/19/2024

† 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)

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2024 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] HARLAN, IA  
David Reinig, Shelby County, IA 51529

<b>Full-Season Test</b>	111 - 115 Day CRM B2024IAWC21b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Fierce Mtz, Strut, Roundup Power Max, Warrant, Liberty, Resource, Clethodim
<b>SOIL DESCRIPTION:</b>	Dockery-Quiver silt loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 6.1 pH, 2.5% OM, 17.9 CEC
<b>PEST MANAGEMENT:</b>	Fs Max Supreme, Lumax Ez, Strut, Roundup Power Max, Veltyma, Talent, Pilot 4e
<b>FERTILITY - Applied N:</b>	161 Fall, 11 Spring
<b>Applied N-P-K (units):</b>	172-52-60
<b>SEEDED - RATE - ROW:</b>	May 10 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 32.0 /A

### TEST COMMENTS:

Planting conditions were very good. The plot received over 3 inches of rain in the first part of May. The field was tilled very well and no ponding was seen. Plants emerged well and grew tall, had very large ears, and were pollinated to the tip. No lodging issues and very light tar spot were seen throughout the plot. Sturdy cobs made shelling easy. This was an outstanding looking plot. The only issue was weak ear shanks - the large ears just dropped off plants into the combine.

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	<b>309.6</b>	16.0	1	32.9	1307	1
Titan Pro	40-13 PCE ↗	PCE	113	<b>305.3</b>	15.6	1	32.9	1294	2
Merschman	2512C-30 GC ↗	PCE	112	<b>301.1</b>	15.9	1	30.9	1272	5
Hoegemeyer	8366V ↗	VE	113	<b>300.4</b>	15.5	1	30.9	1274	4
Golden Harvest	G12U11-AA ↗	AA	112	<b>297.7</b>	16.3	1	32.9	1252	6
Wyffels	W7876RIB ↗	VT2P	114	<b>293.5</b>	16.1	1	30.9	1238	7
Wyffels	W7485 ↗	TRE	112	<b>291.1</b>	15.5	1	30.9	1235	8
FS InVision	FS 6217X RIB ↗	STX	112	288.5	17.1	1	32.9	1205	12
Renk	RK876VT2P ↗	VT2P	113	288.5	16.6	1	30.9	1210	10
Rob-See-Co	RC6539-VT2P ↗	VT2P	115	288.4	16.6	1	32.9	1210	11
Renk	RK825VT4P ↗	VT4P	112	287.8	15.9	1	31.9	1216	9
Titan Pro	33-12 PCE ↗	PCE	112	286.1	16.3	1	30.0	1204	13
Dyna-Gro	D53VC54RIB ↗	VT2P	113	283.4	15.6	1	31.9	1200	14
FS InVision	FS 6447T RIB ↗	TRE	114	282.9	16.7	2	31.9	1186	15
DeKalb	DKC66-06RIB GC ↗	TRE	116	282.6	17.2	1	31.9	1179	17
Dyna-Gro	D53SP85RIB ↗	STXP	113	281.1	16.3	1	31.9	1183	16
Wyffels	W8086RIB ↗	VT2P	114	278.8	17.4	1	30.9	1161	22
Renk	RK958VT2P ↗	VT2P	115	278.4	16.5	1	33.8	1169	19
Dyna-Gro	D51VC95RIB ↗	VT2P	111	276.9	15.0	1	30.9	1179	18
Rob-See-Co	RC6131-TRE ↗	TRE	111	276.3	16.1	1	31.9	1165	21
Hoegemeyer	8262PCE ↗	PCE	112	276.3	15.8	1	30.9	1168	20
Epley	E2215SS ↗	STX	112	275.2	16.4	1	33.8	1157	25
FS InVision	FS 6432P RIB ↗	STXP	114	274.5	15.9	1	31.9	1159	24
Integra	6274 VT2PRIB ↗	VT2P	112	273.9	16.5	1	33.8	1150	28
Integra	6244PCE ↗	PCE	112	273.6	16.0	1	31.9	1155	26
Renk	RK921VT2P ↗	VT2P	115	272.8	17.2	1	30.9	1138	30
Wyffels	W7945RIB ↗	TRE	114	272.3	14.9	1	31.9	1160	23
Rob-See-Co	RC6411-VT2P ↗	VT2P	114	272.0	15.7	1	32.9	1151	27
Integra	6493 VT2PRIB ↗	VT2P	114	269.2	15.8	1	31.9	1138	31
Integra	6365SSPRO ↗	STXP	113	269.1	15.5	1	32.9	1141	29
<b>PIONEER</b>	<b>P1027AM CK</b>	<b>AM</b>	<b>110</b>	<b>303.3</b>	<b>15.4</b>	<b>1</b>	<b>31.9</b>	<b>1287</b>	<b>3</b>
				<b>Averages =</b>	<b>281.4</b>	<b>16.2</b>	<b>1</b>	<b>32.0</b>	<b>1186</b>
				LSD (0.10) =	7.7	0.7	ns		
				LSD (0.25) =	4.0	0.4	ns		
				C.V. =	2.6				
				Historic yield: 255.94 bu/a, 2 yr(s)					



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

### Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.26

Report Date: 10/19/2024

† 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 exceeded 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)

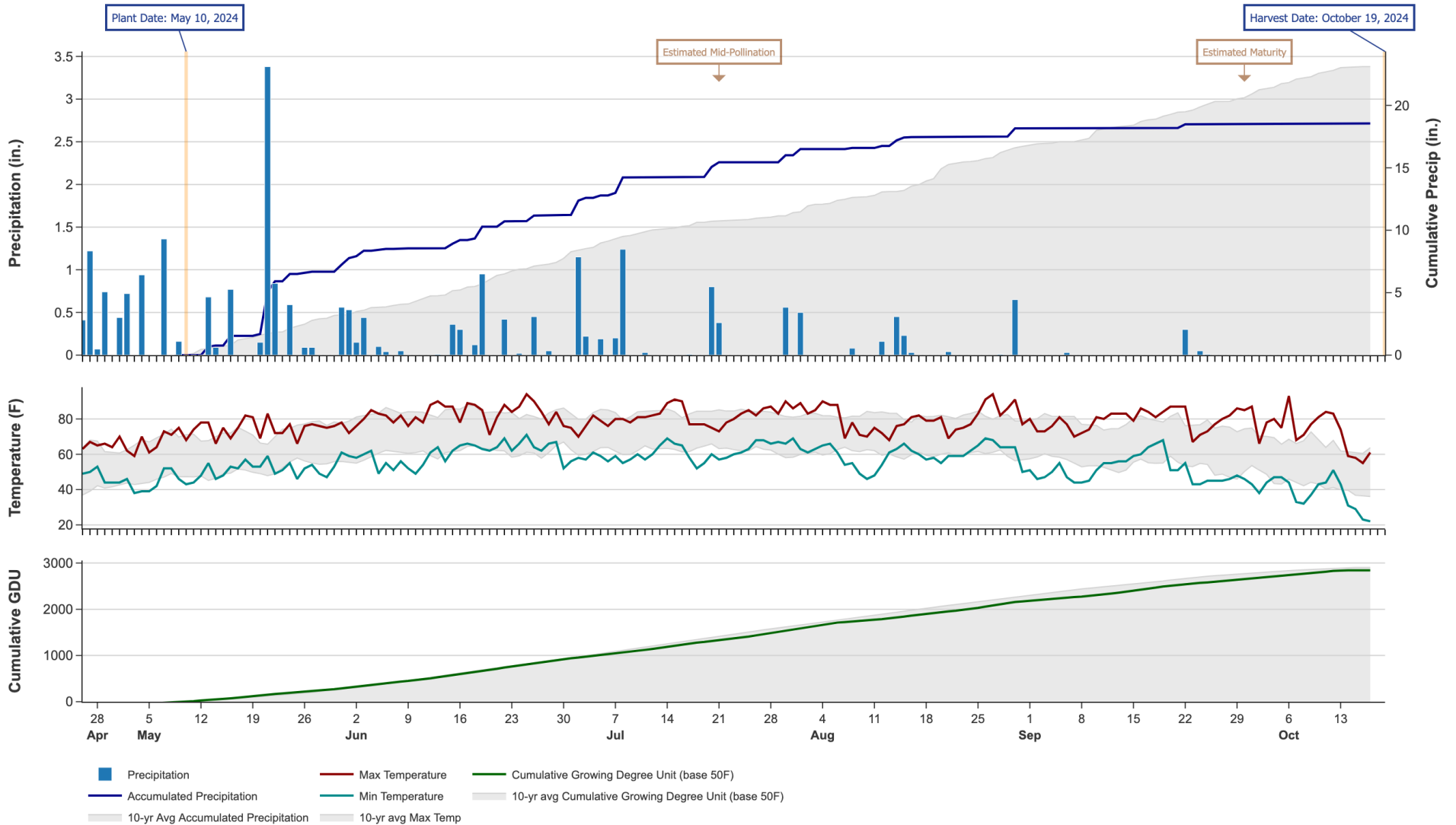
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Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2024 Corn - Iowa West Central [ IAWC ]

## Weather Conditions Summary at HARLAN, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.4   0.7 (+1.8)	10.9   4.8 (+6.0)	4.0   4.5 (-0.5)	4.8   3.7 (+1.1)	2.1   5.3 (-3.1)	0.4   3.9 (-3.5)	0.0   2.5 (-2.5)	24.6   25.4 (-0.8)
GDU   Avg (Diff)	39   35 (+3)	376   356 (+19)	634   663 (-29)	642   707 (-65)	604   650 (-46)	491   486 (+4)	180   126 (+53)	2966   3027 (-61)



\* 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 West Central [ IAWC ]

### Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Cornelius	C7021DP	VT2P	N	110	CM,C2,Vi,Va
Cornelius	C7026PCE	PCE	N	110	CM,C2,Vi,Va
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D50SP65RIB	STXP	Y	110	AC,P5V,EDC-B
FS InVision	FS 5935X RIB	STX	Y	109	AC,P5V
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
Hoegemeyer	7591V	VE	Y	105	Lum, L1
Hoegemeyer	7836V	VE	Y	108	Lum, L1
Hoegemeyer	8014PCE	PCE	Y	110	Lum, L1
Hoegemeyer	8046V	VE	Y	110	Lum, L1
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,P5V
Merschman	2408C-30 GC	PCE	N*	108	NA
Pioneer	P0529Q GC	QR	Y	105	Lum, L1
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
Rob-See-Co	RC5768-VT2P	VT2P	Y	107	CM,C2,Vi,Va
Rob-See-Co	RC6026-PCE	PCE	Y	110	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 West Central [ IAWC ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
DeKalb	DKC66-06RIB GC	TRE	Y	116	AC,P5V
Dyna-Gro	D51VC95RIB	VT2P	Y	111	AC,P5V
Dyna-Gro	D53SP85RIB	STXP	Y	113	AC,P5V
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Epley	E2215SS	STX	N*	112	F,I
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
Hoegemeyer	8262PCE	PCE	Y	112	Lum, L1
Hoegemeyer	8366V	VE	Y	113	Lum, L1
Integra	6244PCE	PCE	N	112	NA
Integra	6274 VT2PRIB	VT2P	Y	112	NA
Integra	6365SSPRO	STXP	Y	113	NA
Integra	6493 VT2PRIB	VT2P	Y*	114	NA
Merschman	2512C-30 GC	PCE	N*	112	CM,C2,Vi,Va
Pioneer	P1027AM CK	AM	Y	110	Lum
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
Rob-See-Co	RC6131-TRE	TRE	Y	111	AC,P2
Rob-See-Co	RC6392-PCE	PCE	N	113	CM,C2,Vi,Va
Rob-See-Co	RC6411-VT2P	VT2P	Y	114	CM,C2,Vi,Va
Rob-See-Co	RC6539-VT2P	VT2P	Y	115	AC,P5V,EDC-B
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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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®
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
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250

\* Seed treatments may include unspecified plant health promoting components.