

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

## 2021 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] SLATER, IA  
Jason Krause, Story County, IA 50244

<b>Early-Season Test</b>	105 - 110 Day CRM B2021IAWC24a
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Unknown
<b>SOIL DESCRIPTION:</b>	Clarion loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, medium K, 4.9 pH, 2.9% OM, 18.7 CEC
<b>PEST MANAGEMENT:</b>	Volley Atz, Powermax
<b>FERTILITY - Applied N:</b>	165 Fall
<b>Applied N-P-K (units):</b>	165-0-0
<b>SEDED - RATE - ROW:</b>	Apr 29 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 3 33.1 /A

### TEST COMMENTS:

Soil conditions were very good at planting and plants emerged well. This location did catch some needed showers during the growing season that helped. Plants were tall and ears varied in size; they were well pollinated. Jason was pleased with this year after dealing with the derecho storm last year and losing some fields. The area can produce higher yields but drought conditions did slow things down. Some tar spots could be seen on plants.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Four Star	6D52RIB ↗	VT2P	110	<b>279.3</b>	14.5	1	32.9	1494	1
Latham	LH 5646 PCE ↗	PC,E	106	<b>257.5</b>	13.6	1	33.8	1378	2
Kruger	K0915DD ↗	VT2PDG	109	<b>247.2</b>	13.6	1	33.8	1323	4
Kruger	K1005DP ↗	VT2P	110	<b>246.7</b>	14.2	1	32.9	1320	5
Integra	6061 TRERIB ↗	TRE	110	<b>246.4</b>	14.6	1	33.8	1318	6
Renk	RK805VT2P ↗	VT2P	110	<b>245.1</b>	13.9	1	33.8	1311	7
Dyna-Gro	D50VC09 ↗	VT2P	110	<b>245.1</b>	14.0	1	32.9	1311	8
Dyna-Gro	D50VC78 ↗	VT2P	109	<b>244.1</b>	14.0	1	33.8	1306	9
Hoegemeyer	8084AM ↗	AM	110	<b>243.3</b>	13.9	1	33.8	1302	10
Renk	RK782VT2P ↗	VT2P	109	<b>241.3</b>	13.8	1	32.9	1291	11
Hoegemeyer	7772Q ↗	QR	107	<b>240.5</b>	14.0	1	34.8	1287	12
NK Brand	NK0877-3220 EZR ↗	3220	108	<b>240.3</b>	14.7	1	32.9	1286	13
FS InVision	FS 5815V RIB ↗	VT2P	108	<b>239.7</b>	14.0	1	34.8	1282	14
Wyffels	W5778 ↗	STX	109	<b>239.3</b>	14.4	1	34.8	1280	15
Wyffels	W4246RIB ↗	VT2P	105	<b>239.0</b>	13.6	1	32.9	1279	16
Hefty	H5832 RIB ↗	VT2P	108	238.0	14.4	1	33.8	1273	17
Hefty	H6042 RIB ↗	VT2P	110	237.7	13.9	2	31.9	1272	18
Four Star	EXP 2201 ↗	VT2P	109	235.1	13.7	1	32.9	1258	19
Wyffels	W4588 ↗	STX	105	235.1	13.6	1	32.9	1258	20
Latham	LH 5847 VT2P RIB ↗	VT2P	108	235.0	14.6	1	32.9	1257	21
Kruger	KR-4608D ↗	VT2PDG	108	233.8	14.6	1	33.8	1251	22
Hefty	H5812 RIB ↗	VT2P	108	232.7	14.1	1	32.9	1245	23
Hefty	H5655 ↗	TRE	106	231.6	13.7	1	32.9	1239	24
Integra	5802 VT2PRIB ↗	VT2P	108	231.1	14.1	1	33.8	1236	25
Integra	5682 VT2PRIB ↗	VT2P	106	229.4	14.7	1	32.9	1227	26
FS InVision	FS 6017V RIB ↗	VT2P	110	227.4	13.8	1	33.8	1217	27
Augusta	A1060-3330 ↗	3330	110	227.2	14.3	1	33.8	1216	28
Wyffels	W5086RIB ↗	VT2P	107	227.0	14.3	1	34.8	1214	29
Latham	LH 5725 VT2P RIB ↗	VT2P	107	223.3	13.8	1	32.9	1195	30
Hoegemeyer	8009AM ↗	AM	110	223.2	14.6	1	32.9	1194	31
Pioneer	P0953AM CK	AM	109	247.5	14.2	1	31.9	1324	3
				<b>Averages =</b>	<b>228.5</b>	<b>14.1</b>	<b>1</b>	<b>33.1</b>	<b>1223</b>
				<b>LSD (0.10) =</b>	9.7	0.5	ns		
				<b>LSD (0.25) =</b>	5.1	0.2	ns		
				<b>C.V. =</b>	4.0				
Randy Meinsma				Historic yield: 203.05 bu/a, 15 yr(s)					
randym@firstseedtests.com, (815) 238-8007									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.35

Report Date: 11/10/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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## 2021 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] SLATER, IA  
Jason Krause, Story County, IA 50244

<b>Full-Season Test</b>	111 - 115 Day CRM B2021IAWC24b
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Unknown
<b>SOIL DESCRIPTION:</b>	Clarion loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, medium K, 4.9 pH, 2.9% OM, 18.7 CEC
<b>PEST MANAGEMENT:</b>	Volley Atz, Powermax
<b>FERTILITY - Applied N:</b>	165 Fall
<b>Applied N-P-K (units):</b>	165-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 29 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 3 33.4 /A

### TEST COMMENTS:

Soil conditions were very good at planting and plants emerged well. This location did catch some needed showers during the growing season that helped. Plants were tall and ears varied in size; they were well pollinated. Jason was pleased with this year after dealing with the derecho storm last year and losing some fields. The area can produce higher yields but drought conditions did slow things down. Some tar spots could be seen on plants.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K1501DP ↗	VT2P	115	<b>258.5</b>	15.3	1	32.9	1381	1
Dyna-Gro	D54VC34 ↗	VT2P	114	<b>250.7</b>	15.6	1	31.9	1337	2
Integra	6162 VT2PRIB ↗	VT2P	111	<b>248.7</b>	14.6	1	31.9	1331	3
Wyffels	W7956RIB ↗	VT2P	114	<b>242.4</b>	15.0	1	32.9	1297	4
Hefty	H6145 TRERIB ↗	TRE	112	<b>241.9</b>	15.2	1	34.8	1292	5
FS InVision	FS 6595V RIB ↗	VT2P	115	<b>241.6</b>	15.3	1	33.8	1290	6
Latham	LH 6289 SS RIB ↗	STX	112	<b>241.1</b>	14.8	1	31.9	1290	7
FS InVision	FS 6194V RIB ↗	VT2P	111	<b>239.6</b>	14.1	1	32.9	1282	8
Hefty	H6524 RIB ↗	STX	115	<b>238.9</b>	15.1	1	32.9	1278	9
NK Brand	NK1188-5122 EZR ↗	5122	111	<b>238.3</b>	15.2	1	34.8	1274	10
Kruger	K1327DT ↗	TRE	113	<b>237.2</b>	15.6	1	33.8	1265	12
Wyffels	W6978RIB ↗	STX	111	<b>234.7</b>	14.5	1	33.8	1256	13
Wyffels	W7536DG ↗	VT2PDG	112	<b>234.2</b>	15.2	1	33.8	1252	14
Integra	6410 VT2PRIB ↗	VT2P	114	<b>233.9</b>	15.5	1	33.8	1248	15
Hefty	H6355 ↗	TRE	113	<b>232.4</b>	14.9	1	32.9	1243	16
Wyffels	W7416 ↗	VT2P	112	<b>232.2</b>	14.0	1	33.8	1242	17
Hefty	H6552 ↗	VT2P	115	<b>231.9</b>	16.5	1	33.8	1230	19
Hoegemeyer	8447AM ↗	AM	114	<b>231.0</b>	14.4	1	34.8	1236	18
Kruger	K1160SS ↗	STX	111	<b>229.1</b>	14.8	1	32.9	1226	20
Kruger	K1313DD ↗	VT2PDG	113	<b>228.8</b>	15.2	1	33.8	1223	21
Renk	RK937VT2P ↗	VT2P	113	<b>228.2</b>	14.6	1	34.8	1221	22
Renk	RK882TRE ↗	TRE	111	<b>227.9</b>	15.9	1	32.9	1213	23
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	<b>225.7</b>	14.3	1	32.9	1207	24
Integra	6555 VT2PRIB ↗	VT2P	114	<b>225.0</b>	14.4	1	34.8	1204	25
Wyffels	W7876RIB ↗	VT2P	114	<b>223.9</b>	14.6	1	32.9	1198	26
Renk	RK915VT2P ↗	VT2P	115	<b>223.5</b>	15.7	1	31.9	1191	28
Renk	RK821SSTX ↗	STX	111	<b>223.1</b>	14.2	1	34.8	1194	27
Kruger	K1191DT ↗	TRE	111	<b>220.9</b>	14.7	1	33.8	1182	29
Latham	LH 6146 TRE RIB ↗	TRE	111	<b>218.8</b>	14.7	1	33.8	1171	30
Four Star	EXP 2202 ↗	VT2P	111	<b>217.6</b>	14.3	1	33.8	1164	31
Pioneer	P0953AM CK	AM	109	<b>237.4</b>	14.4	1	33.8	1270	11



Randy Meinsma

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

Averages =	<b>225.7</b>	<b>14.9</b>	<b>1</b>	<b>33.4</b>	<b>1207</b>
LSD (0.10) =	9.7	0.5	ns		
LSD (0.25) =	5.1	0.3	ns		
C.V. =	4.1				
					Historic yield: 203.05 bu/a, 15 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.35

Report Date: 11/10/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

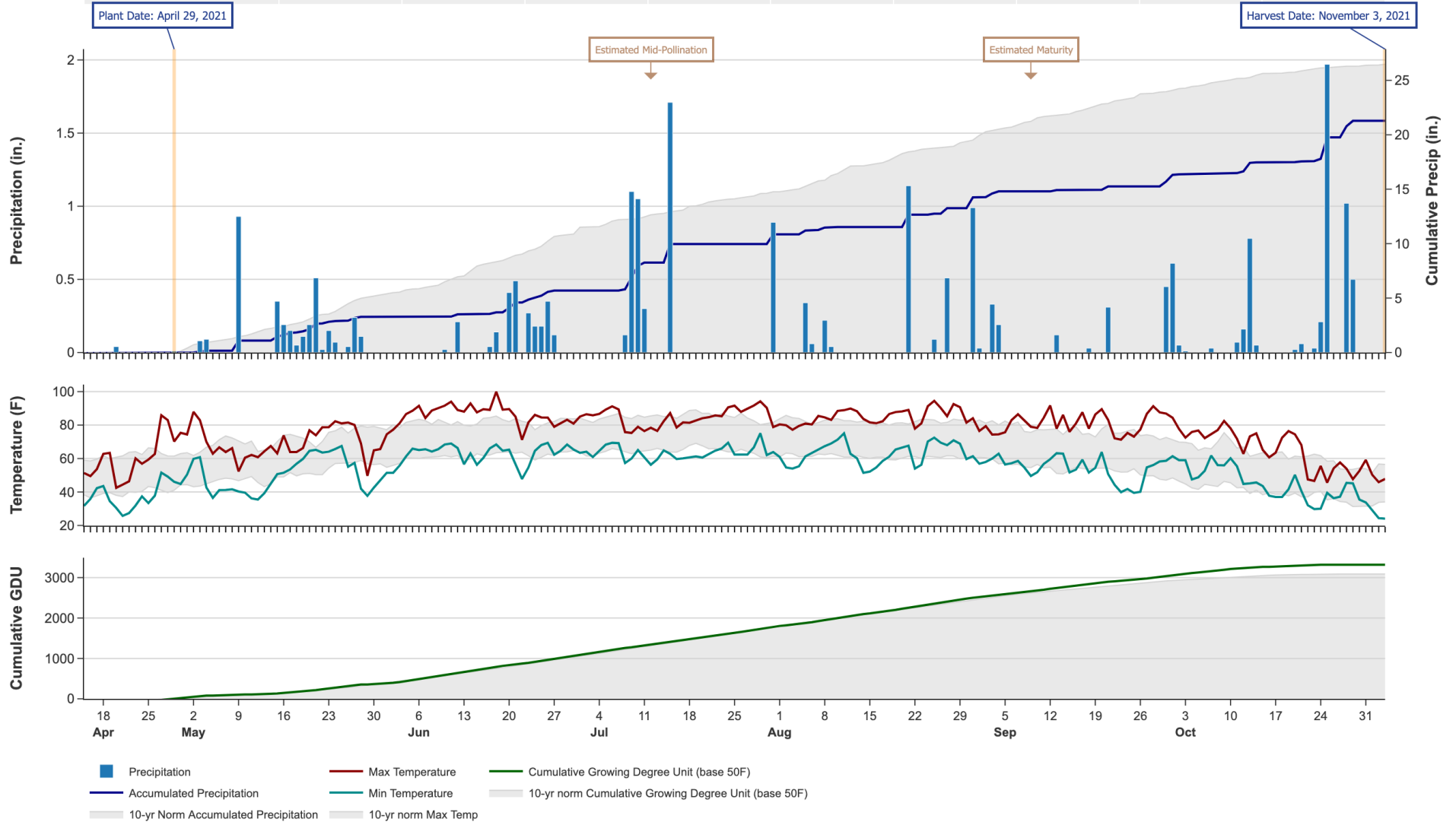
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# 2021 Corn - Iowa West Central [ IAWC ]

## Weather Conditions Summary at SLATER, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   Normal (Diff)	0.1   2.2 (-2.2)	3.3   5.2 (-1.9)	2.4   5.6 (-3.2)	5.2   3.9 (+1.3)	3.4   4.8 (-1.4)	1.5   4.5 (-3.0)	5.6   2.4 (+3.2)	0.0   0.1 (-0.1)	21.3   28.6 (-7.2)
GDU   Normal (Diff)	71   66 (+4)	356   366 (-10)	693   645 (+47)	721   758 (-37)	719   674 (+44)	542   469 (+72)	273   169 (+103)	0   0 (0)	3375   3149 (+225)



\* 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.

## 2021 Corn - Iowa West Central [ IAWC ]

### Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-3110	3110	N	109	CM,C1
Augusta	A1060-3330	3330	N	110	CM,C2
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V,B-300
Dyna-Gro	D50VC78	VT2P	N	109	AC,P5V
Four Star	6D52RIB	VT2P	Y	110	AC,P2
Four Star	EXP 2201	VT2P	Y	109	AC,P5V,B-300
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
Hefty	H5655	TRE	N	106	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hoegemeyer	7653Q	QR	Y	106	Lum,P1V
Hoegemeyer	7772Q	QR	Y	107	Lum
Hoegemeyer	7869AM	AM	Y	108	Lum
Hoegemeyer	8009AM	AM	Y	110	Lum
Hoegemeyer	8084AM	AM	Y	110	Lum
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Kruger	K0858DP	VT2P	Y	108	AC,P5,EDC
Kruger	K0915DD	VT2PDG	Y	109	AC,P5,EDC
Kruger	K1005DP	VT2P	Y	110	AC,P2
Kruger	K4R-9706	STX	Y	106	AC,P5V,EDC-B
Kruger	KR-4608D	VT2PDG	Y	108	AC,P2
Latham	LH 5517 VT2P RIB	VT2P	Y	105	AC,P2
Latham	LH 5646 PCE	PC,E	N	106	CM,C2,Vi
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5769 SS RIB	STX	Y	107	AC,P5V
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
NK Brand	NK0748-5122 EZR	5122	Y	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK765VT2PRIB	VT2P	Y	109	AC,P2
Renk	RK782VT2P	VT2P	N	109	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK805VT2P	VT2P	N	110	AC,P2
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4246RIB	VT2P	Y	105	AC,P2
Wyffels	W4588	STX	N	105	AC,P5V
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W5778	STX	N	109	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.

## 2021 Corn - Iowa West Central [ IAWC ]

### Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Four Star	EXP 2202	VT2P	Y	111	AC,P5V,B-300
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Hefty	H6145 TRERIB	TRE	Y	112	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6423 RIB	VT2PDG	Y	114	HC
Hefty	H6524 RIB	STX	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
Hoegemeyer	8235Q	QR	Y	112	Lum
Hoegemeyer	8447AM	AM	Y	114	Lum,P1V
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,EDC-B
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6555 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Kruger	K1160SS	STX	Y	111	AC,P5V,EDC-B
Kruger	K1191DT	TRE	Y	111	AC,P5,EDC
Kruger	K1313DD	VT2PDG	Y	113	AC,P5,EDC
Kruger	K1327DT	TRE	Y	113	AC,P5,EDC
Kruger	K1501DP	VT2P	Y	115	AC,P2
Latham	LH 6146 TRE RIB	TRE	Y	111	AC,P5V,EDC-B
Latham	LH 6149 SS RIB	STX	Y	111	AC,P5
Latham	LH 6227 VT2P RIB	VT2P	Y	112	AC,P2
Latham	LH 6289 SS RIB	STX	Y	112	AC,P5V
Latham	LH 6477 VT2P RIB	VT2P	Y	114	AC,P2
NK Brand	NK1188-5122 EZR	5122	Y	111	AVC,C5,Vi
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1349-3220 EZR	3220	Y	113	AVC,C5,Vi
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Wyffels	W6978RIB	STX	Y	111	AC,P5V
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	AC,P2

\* 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

<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

### Corn Technologies

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3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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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,P2,SU	Acceleron® 250, StepUp
AC,P5	Acceleron® 500
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-300	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	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C1	CruiserMaxx® 1250
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo

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