

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

## 2021 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

**Early-Season Test** 105 - 110 Day CRM  
B2021IAWC23a

**Top 30 of 48** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Glyphosate,  
Engenia, Zidua

**SOIL DESCRIPTION:** Marshall silty clay loam, mod.  
well drained, non-irrigated

**SOIL CONDITION:** No-Till, high P, high K, 6.4 pH,  
4.4% OM, 17.1 CEC

**PEST MANAGEMENT:** Dicamba, Glyphosate, Accuron

**FERTILITY - Applied N:** 200 Spring, S 17

**Applied N-P-K (units):** 200-80-60

**SEEDED - RATE - ROW:** May 5 35.0 /A 30" spacing

**HARVESTED - STAND:** Nov 10 33.6 /A

### TEST COMMENTS:

*Outstanding plot! Planting went well and the plot emerged well. Plants were tall with strong stalks and large root mass. Ears were large and pollinated to the tip, placed high on the plants. Cobs were strong and made shelling easy. There was no weed pressure. The plants looked healthy and had no lodging issues with these strong plants.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6061 TRERIB ↗	TRE	110	<b>312.4</b>	14.8	1	31.9	1671	1
FS InVision	FS 6017V RIB ↗	VT2P	110	<b>305.8</b>	14.9	1	33.8	1636	2
Integra	5682 VT2PRIB ↗	VT2P	106	<b>303.4</b>	14.4	1	33.8	1623	3
Dyna-Gro	D50VC78 ↗	VT2P	109	<b>302.8</b>	14.9	1	34.8	1620	4
Wyffels	W5778 ↗	STX	109	<b>299.1</b>	14.9	1	34.8	1600	5
Renk	RK805VT2P ↗	VT2P	110	<b>296.8</b>	14.6	1	34.8	1588	6
Kruger	K0915DD ↗	VT2PDG	109	<b>294.8</b>	14.1	1	33.8	1577	8
Hoegemeyer	8009AM ↗	AM	110	<b>294.1</b>	15.5	1	34.8	1569	9
Renk	RK782VT2P ↗	VT2P	109	<b>293.0</b>	14.8	1	31.9	1568	10
Wyffels	W4588 ↗	STX	105	<b>290.4</b>	14.8	1	34.8	1554	11
Kruger	K1005DP ↗	VT2P	110	<b>290.0</b>	15.1	1	32.9	1551	12
Latham	LH 5847 VT2P RIB ↗	VT2P	108	<b>289.5</b>	14.7	1	32.9	1549	13
Hefty	H5812 RIB ↗	VT2P	108	<b>288.6</b>	14.7	1	33.8	1544	14
Kruger	K4R-9706 ↗	STX	106	<b>286.0</b>	14.9	1	33.8	1530	15
Integra	5802 VT2PRIB ↗	VT2P	108	<b>284.7</b>	14.4	1	33.8	1523	16
Latham	LH 5646 PCE ↗	PC,E	106	283.5	14.5	1	32.9	1517	17
Four Star	EXP 2201 ↗	VT2P	109	283.2	14.4	1	34.8	1515	18
FS InVision	FS 5815V RIB ↗	VT2P	108	282.9	14.6	1	34.8	1514	19
Wyffels	W4246RIB ↗	VT2P	105	278.6	14.5	1	33.8	1491	20
Hoegemeyer	7869AM ↗	AM	108	277.4	15.2	1	32.9	1483	21
Hefty	H5655 ↗	TRE	106	276.9	14.3	1	34.8	1481	22
Latham	LH 5725 VT2P RIB ↗	VT2P	107	276.2	14.2	1	33.8	1478	23
Kruger	K0858DP ↗	VT2P	108	273.1	14.4	1	34.8	1461	24
Wyffels	W5086RIB ↗	VT2P	107	271.2	14.4	1	32.9	1451	25
Kruger	KR-4608D ↗	VT2PDG	108	270.5	14.5	1	33.8	1447	26
Hefty	H5832 RIB ↗	VT2P	108	270.3	14.5	1	33.8	1446	27
NK Brand	NK0748-5122 EZR ↗	5122	107	269.8	14.4	1	33.8	1443	28
Hefty	H6042 RIB ↗	VT2P	110	269.3	14.7	1	33.8	1441	29
Hoegemeyer	7772Q ↗	QR	107	265.7	14.3	1	32.9	1421	30
Latham	LH 5769 SS RIB ↗	STX	107	265.4	14.5	1	33.8	1420	31
Pioneer	P0953AM CK	AM	109	295.0	14.7	1	32.9	1578	7

Averages = **273.7** **14.6** **1** **33.6** **1464**

LSD (0.10) = 9.8 0.3 ns

LSD (0.25) = 5.1 0.2 ns

Randy Meinsma

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C.V. = 3.4 Historic yield: 217.9 bu/a, 11 yr(s)

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

Report Date: 11/11/2021

† 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] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

<b>Full-Season Test</b>	111 - 115 Day CRM B2021IAWC23b
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Glyphosate, Engenia, Zidua
<b>SOIL DESCRIPTION:</b>	Marshall silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, high K, 6.4 pH, 4.4% OM, 17.1 CEC
<b>PEST MANAGEMENT:</b>	Dicamba, Glyphosate, Accuron
<b>FERTILITY - Applied N:</b>	200 Spring, S 17
<b>Applied N-P-K (units):</b>	200-80-60
<b>SEEDED - RATE - ROW:</b>	May 5 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 10 34.1 /A

### TEST COMMENTS:

*Outstanding plot! Planting went well and the plot emerged well. Plants were tall with strong stalks and large root mass. Ears were large and pollinated to the tip, placed high on the plants. Cobs were strong and made shelling easy. There was no weed pressure. The plants looked healthy and had no lodging issues with these strong plants.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H6524 RIB ↗	STX	115	<b>307.4</b>	15.0	1	32.9	1645	1
Latham	LH 6146 TRE RIB ↗	TRE	111	<b>305.5</b>	15.3	1	34.8	1632	2
Four Star	EXP 2202 ↗	VT2P	111	<b>299.6</b>	15.0	1	34.8	1603	3
Renk	RK882TRE ↗	TRE	111	<b>299.2</b>	15.0	1	34.8	1601	4
NK Brand	NK1188-5122 EZR ↗	5122	111	<b>293.6</b>	15.4	1	33.8	1567	5
Wyffels	W7416 ↗	VT2P	112	<b>293.5</b>	15.4	1	34.8	1567	6
Latham	LH 6289 SS RIB ↗	STX	112	<b>292.6</b>	15.3	1	33.8	1563	8
Kruger	K1501DP ↗	VT2P	115	<b>292.2</b>	15.7	1	33.8	1557	10
Wyffels	W7876RIB ↗	VT2P	114	<b>291.8</b>	15.4	1	33.8	1558	9
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	<b>290.9</b>	15.5	1	33.8	1552	11
Hefty	H6355 ↗	TRE	113	289.7	15.0	1	33.8	1550	12
FS InVision	FS 6595V RIB ↗	VT2P	115	289.5	15.6	1	32.9	1544	13
FS InVision	FS 6194V RIB ↗	VT2P	111	288.5	15.1	1	34.8	1543	14
Renk	RK937VT2P ↗	VT2P	113	288.5	15.4	1	33.8	1540	16
Integra	6162 VT2PRIB ↗	VT2P	111	288.3	15.2	1	33.8	1541	15
Latham	LH 6227 VT2P RIB ↗	VT2P	112	287.7	14.9	1	33.8	1539	17
Renk	RK826VT2P ↗	VT2P	111	287.6	14.8	1	33.8	1539	18
Kruger	K1160SS ↗	STX	111	284.8	15.0	1	34.8	1524	19
Integra	6342 TRERIB ↗	TRE	113	283.9	15.2	1	34.8	1517	20
Hefty	H6423 RIB ↗	VT2PDG	114	283.1	15.9	1	31.9	1507	21
Integra	6555 VT2PRIB ↗	VT2P	114	280.4	15.0	1	34.8	1500	22
FS InVision	FS 6306T RIB ↗	TRE	113	280.4	14.9	1	34.8	1500	23
Kruger	K1327DT ↗	TRE	113	279.1	15.5	1	33.8	1489	24
Dyna-Gro	D54VC34 ↗	VT2P	114	277.4	15.3	1	33.8	1482	25
Hefty	H6145 TRERIB ↗	TRE	112	277.0	15.1	1	32.9	1481	26
Kruger	K1191DT ↗	TRE	111	276.9	15.1	1	33.8	1481	27
Latham	LH 6477 VT2P RIB ↗	VT2P	114	276.2	15.6	1	34.8	1473	28
Hefty	H6552 ↗	VT2P	115	274.3	15.9	1	33.8	1460	30
Kruger	K1313DD ↗	VT2PDG	113	273.9	15.3	1	33.8	1463	29
Renk	RK821SSTX ↗	STX	111	272.9	14.9	1	34.8	1460	31
Pioneer	P0953AM CK	AM	109	292.5	14.9	1	33.8	1565	7
				<b>Averages =</b>	<b>281.8</b>	<b>15.2</b>	<b>1</b>	<b>34.1</b>	<b>1505</b>
				<b>LSD (0.10) =</b>	8.4	0.4	ns		
				<b>LSD (0.25) =</b>	4.4	0.2	ns		
				<b>C.V. =</b>	2.8				
				Historic yield: 217.9 bu/a, 11 yr(s)					



Randy Meinsma

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.35

Report Date: 11/11/2021

† 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](http://www.firstseedtests.com)

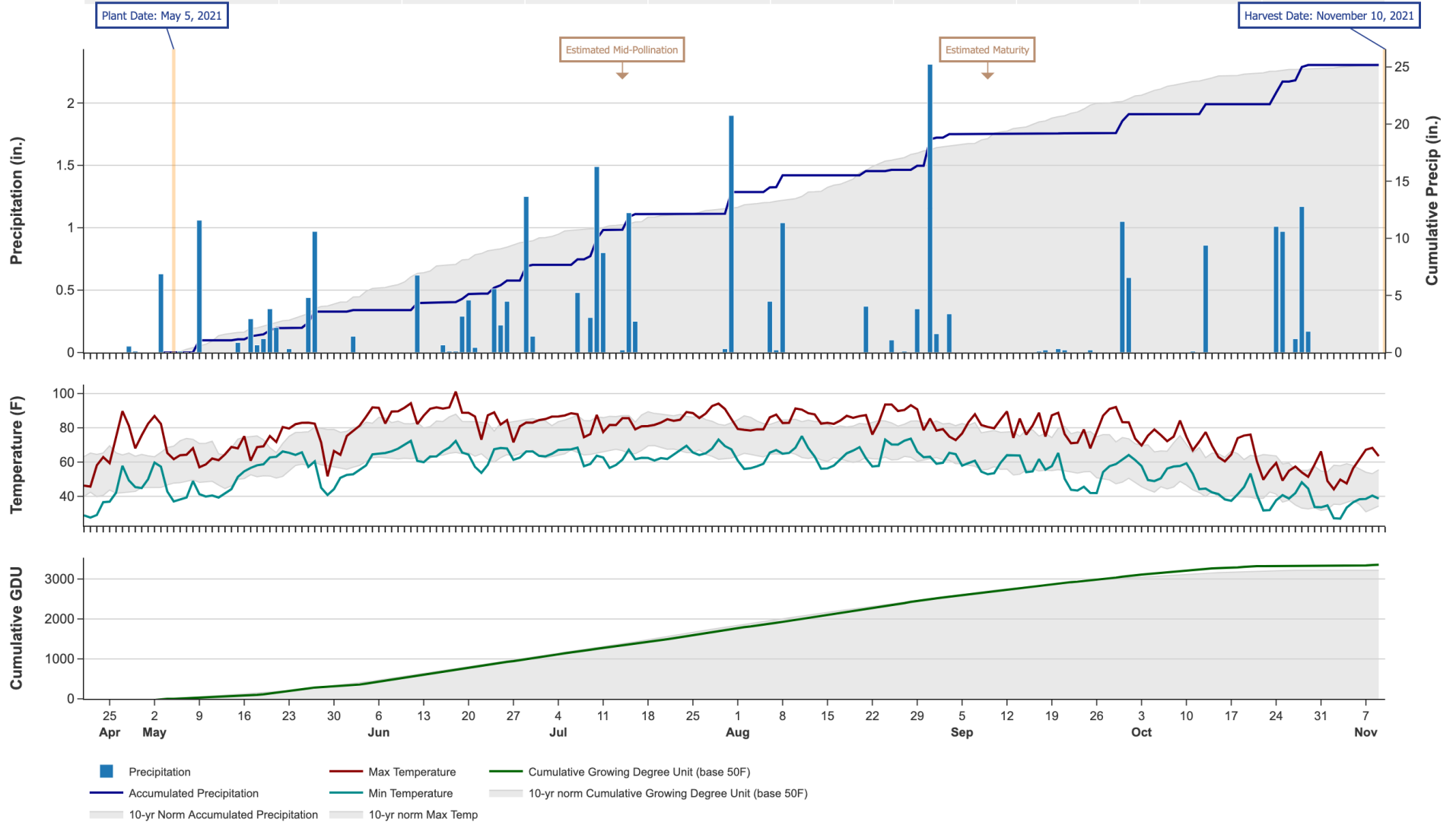
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# 2021 Corn - Iowa West Central [ IAWC ]

## Weather Conditions Summary at OAKLAND, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   Normal (Diff)	0.1   1.3 (-1.3)	4.2   5.1 (-0.8)	4.1   5.4 (-1.3)	6.4   2.9 (+3.5)	4.6   5.0 (-0.4)	1.6   4.2 (-2.6)	4.9   2.9 (+2.0)	0.0   0.3 (-0.3)	25.9   27.2 (-1.4)
GDU   Normal (Diff)	72   75 (-3)	376   384 (-8)	704   684 (+19)	744   780 (-36)	740   709 (+30)	559   501 (+57)	268   200 (+67)	31   0 (+31)	3494   3336 (+157)



\* 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.