

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

## 2022 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  
B2022IAWC23a

**Top 30 of 45** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Fierce Xt,  
Glyphosate, 2,4-D, Liberty

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

**SOIL CONDITION:** No-Till, very high P, very high K,  
5.8 pH, 3.6% OM, 18.8 CEC

**PEST MANAGEMENT:** Acuron, Glyphosate, Dicamba

**FERTILITY - Applied N:** 160 Fall, 30 Spring

**Applied N-P-K (units):** 190-23-30

**SEEDED - RATE - ROW:** May 22 35.0 /A 30" spacing

**HARVESTED - STAND:** Oct 31 33.8 /A

### TEST COMMENTS:

*Planting went well and the plot emerged very well. The plot received rain early and the soil held it to help grow tall plants. Some 1/2-inch tip back could be seen. The ears had great girth, with very little leaf diseases. Before harvest, the plot received some strong winds and stood through it. While walking the plot at harvest the stalks showed weakness by just a little push they would fall over. Strong cobs made shelling easy, and there was no weed pressure. It was a very nice site to harvest. Mark was harvesting in the same field and said that the tighter gumbo soils did not have good yields. Again, it was important where the spotty showers hit.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	8052 Q ↗	QR	110	<b>287.5</b>	15.5	1	32.9	1858	1
FS InVision	FS 6017V RIB ↗	VT2P	110	<b>279.1</b>	14.9	1	34.8	1809	2
Integra	6061 TRERIB ↗	TRE	110	<b>274.1</b>	15.4	1	33.8	1772	3
AgVenture	AV5508 ↗	AM	108	<b>269.4</b>	15.0	1	32.9	1745	4
Hoegemeyer	7843 AM ↗	AM	108	<b>269.3</b>	15.1	1	33.8	1744	5
Dyna-Gro	D49VC53 ↗	VT2P	109	<b>268.1</b>	14.8	1	34.8	1737	6
Kruger	K1005DP ↗	VT2P	110	<b>267.5</b>	14.9	1	34.8	1733	7
Innvictis	A0842 ↗	STX	108	<b>266.4</b>	15.4	1	33.8	1722	10
Renk	RK774VT2P ↗	VT2P	108	<b>266.2</b>	14.1	1	34.8	1725	8
Innvictis	A1062 ↗	TRE	110	<b>266.1</b>	15.1	1	34.8	1723	9
Renk	RK700SSTX ↗	STX	108	<b>265.6</b>	14.5	1	32.9	1721	11
Kruger	K0915DD ↗	VT2PDG	109	<b>263.0</b>	14.3	1	33.8	1704	12
AgVenture	AV9610 ↗	AM	110	<b>262.3</b>	14.8	2	32.9	1700	13
FS InVision	FS 5725X RIB ↗	STX	107	<b>261.4</b>	13.6	1	32.9	1694	14
Kruger	K0858DP ↗	VT2P	108	255.2	14.2	1	33.8	1654	15
Latham	LH 6097 VT2P RIB ↗	VT2P	110	254.6	14.8	1	32.9	1650	16
Integra	5802 VT2PRIB ↗	VT2P	108	253.2	14.1	1	34.8	1641	17
AgriGold	A640-12STX GC ↗	STX	110	252.0	15.4	1	34.8	1629	18
AgriGold	A636-16VT2PRIB GC ↗	VT2P	106	251.1	14.2	1	32.9	1627	19
Renk	RK710DGVT2P ↗	VT2PDG	107	250.3	14.2	1	33.8	1622	20
FS InVision	FS 6025X RIB ↗	STX	110	250.3	15.2	2	33.8	1620	21
Wyffels	W4025 ↗	TRE	105	249.0	13.3	1	31.9	1614	22
Golden Harvest	G09T26-AA ↗	AA	109	247.3	15.2	1	34.8	1601	23
Dyna-Gro	D48VC84 ↗	VT2P	108	246.6	14.3	1	32.9	1598	24
Hoegemeyer	7523 Q ↗	QR	105	245.0	14.3	1	33.8	1588	25
Renk	RK801SSTX ↗	STX	110	244.0	14.9	2	34.8	1581	26
NK Brand	NK1026-DVZ ↗	VZ	110	243.5	15.1	1	33.8	1577	27
Kruger	K0783DP ↗	VT2P	107	243.4	14.0	1	32.9	1577	28
NK Brand	NK0696-D ↗	D	106	243.3	14.2	1	32.9	1577	29
Integra	5719 VT2PRIB ↗	VT2P	107	242.6	14.1	1	32.9	1572	30
PIONEER	P0953AM CK	AM	109	242.3	14.6	1	33.8	1570	31
				Averages =	<b>249.0</b>	<b>14.5</b>	<b>1</b>	<b>33.8</b>	<b>1612</b>
				LSD (0.10) =	8.6	0.4	ns		
				LSD (0.25) =	4.5	0.2	ns		
				C.V. =	3.3				
				Historic yield: 223.79 bu/a, 12 yr(s)					



Randy Meinsma

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**Yield & Income Factors:**

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$6.48

Report Date: 11/01/2022

† 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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## 2022 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

**Full-Season Test** 111 - 115 Day CRM  
B2022IAWC23b

**Top 30 of 45** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Soybeans / Fierce Xt,  
Glyphosate, 2,4-D, Liberty

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

**SOIL CONDITION:** No-Till, very high P, very high K,  
5.8 pH, 3.6% OM, 18.8 CEC

**PEST MANAGEMENT:** Acuron, Glyphosate, Dicamba

**FERTILITY - Applied N:** 160 Fall, 30 Spring

**Applied N-P-K (units):** 190-23-30

**SEEDED - RATE - ROW:** May 22 35.0 /A 30" spacing

**HARVESTED - STAND:** Oct 31 33.5 /A

### TEST COMMENTS:

*Planting went well and the plot emerged very well. The plot received rain early and the soil held it to help grow tall plants. Some 1/2-inch tip back could be seen. The ears had great girth, with very little leaf diseases. Before harvest, the plot received some strong winds and stood through it. While walking the plot at harvest the stalks showed weakness by just a little push they would fall over. Strong cobs made shelling easy, and there was no weed pressure. It was a very nice site to harvest. Mark was harvesting in the same field and said that the tighter gumbo soils did not have good yields. Again, it was important where the spotty showers hit.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6595V RIB ↗	VT2P	115	<b>286.2</b>	17.6	1	33.8	1825	1
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	<b>277.9</b>	16.3	1	34.8	1786	2
Integra	6493 VT2P ↗	VT2P	114	<b>277.8</b>	16.7	1	32.9	1781	3
Channel	214-78DGVT2PRIB GC ↗	VT2PDG	114	<b>276.3</b>	16.1	1	33.8	1779	4
Kruger	K1139SS ↗	STX	111	<b>273.4</b>	15.5	1	32.9	1766	5
Latham	LH 6155 VT2P RIB ↗	VT2P	111	<b>273.0</b>	16.1	1	32.9	1757	6
Kruger	K1501DP ↗	VT2P	115	<b>270.7</b>	16.1	1	32.9	1743	7
Wyffels	W7945 ↗	TRE	114	<b>270.5</b>	16.0	1	31.9	1742	8
Renk	RK915VT2P ↗	VT2P	115	<b>269.7</b>	17.5	2	34.8	1721	10
Wyffels	W7416RIB ↗	VT2P	112	<b>269.0</b>	15.5	1	33.8	1737	9
Dyna-Gro	D52DC82RIB ↗	VT2PDG	112	<b>266.2</b>	15.7	1	33.8	1718	11
Kruger	K1191DT ↗	TRE	111	<b>264.7</b>	15.5	1	32.9	1710	12
Innvictis	A1462 ↗	VT2P	114	263.4	16.4	1	33.8	1692	14
Integra	6284 VT2PRIB ↗	VT2P	112	263.4	17.5	1	33.8	1680	17
Wyffels	W7876RIB ↗	VT2P	114	263.3	16.3	1	32.9	1692	15
Latham	LH 6149 SS RIB ↗	STX	111	262.1	15.5	1	33.8	1693	13
Wyffels	W6935 ↗	TRE	111	261.1	15.8	1	33.8	1683	16
Kruger	K1460DT ↗	TRE	114	260.6	16.0	1	32.9	1678	18
Integra	6555 VT2PRIB ↗	VT2P	115	259.5	15.7	1	33.8	1674	19
FS InVision	FS 6406X RIB ↗	STX	114	259.4	16.3	1	32.9	1667	20
Dyna-Gro	D53TC23RIB ↗	TRE	113	257.5	15.5	2	32.9	1664	21
NK Brand	NK1188-D ↗	D	111	257.0	16.4	2	32.9	1651	22
Renk	RK907SSTX ↗	STX	115	256.9	16.9	1	34.8	1645	23
Renk	RK940SSTX ↗	STX	115	255.0	16.6	1	32.9	1636	24
Golden Harvest	G11V76-D ↗	D	111	254.6	16.6	1	33.8	1633	25
Integra	6588 VT2PRIB ↗	VT2P	115	253.4	17.6	1	33.8	1616	28
Latham	LH 6529 SS RIB ↗	STX	115	253.4	17.1	1	34.8	1621	27
Kruger	K1313DD ↗	VT2PDG	113	251.7	15.9	1	33.8	1622	26
Hoegemeyer	8303 AM ↗	AM	113	250.6	16.0	1	33.8	1614	29
Innvictis	A1192 ↗	STX	111	245.7	15.5	1	34.8	1587	30
PIONEER	P0953AM CK	AM	109	225.7	14.9	5	32.9	1463	42
				Averages =	<b>254.0</b>	<b>16.3</b>	<b>1</b>	<b>33.5</b>	<b>1632</b>
				LSD (0.10) =	9.8	0.7	1		
				LSD (0.25) =	5.1	0.4	1		
				C.V. =	3.7				
				Historic yield: 223.79 bu/a, 12 yr(s)					



Randy Meinsma

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.48

Report Date: 11/01/2022

† 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

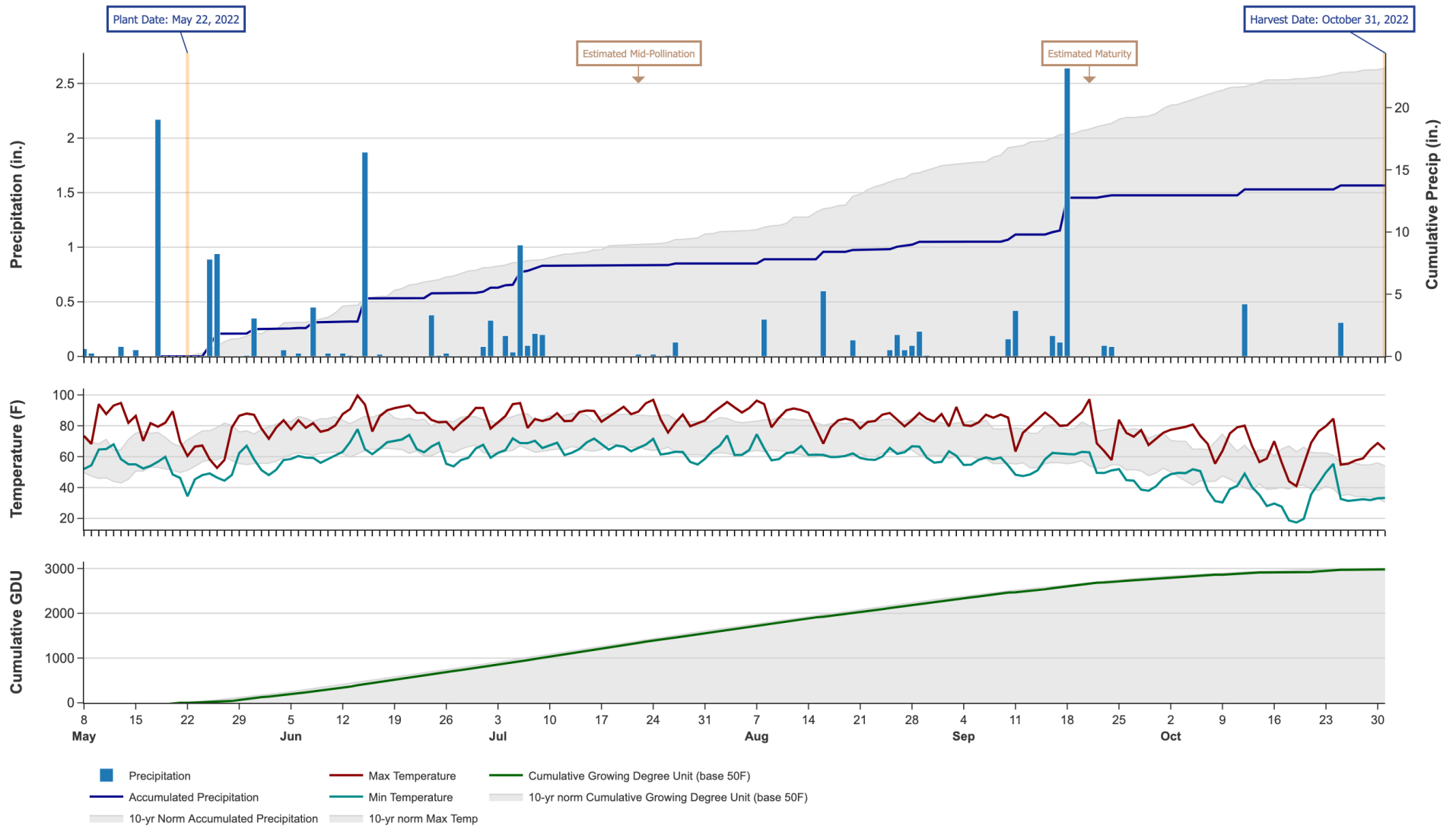
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# 2022 Corn - Iowa West Central [ IAWC ]

## Weather Conditions Summary at OAKLAND, IA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	4.6   4.2 (+0.4)	2.9   5.1 (-2.2)	2.4   2.9 (-0.6)	1.8   5.3 (-3.5)	3.7   4.4 (-0.7)	0.8   3.6 (-2.9)	16.2   25.5 (-9.4)
GDU   Normal (Diff)	371   315 (+55)	667   690 (-23)	761   762 (-1)	714   696 (+17)	516   511 (+4)	210   182 (+27)	3239   3159 (+79)



\* 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.

## 2022 Corn - Iowa West Central [ IAWC ]

### Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A636-16VT2PRIB GC	VT2P	Y	106	Treated
AgriGold	A640-12STX GC	STX	N*	110	Treated
AgVenture	AV5508	AM	Y	108	Treated
AgVenture	AV9610	AM	Y	110	Treated
Dyna-Gro	D47SS93	STX	N	107	AC,P5
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Dyna-Gro	D49VC53	VT2P	N	109	AC,P5V
FS InVision	FS 5525VDG RIB	VT2P	Y	105	AC,P2
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,Vi,Va
Golden Harvest	G09T26-AA	AA	Y	109	AVC,C2,CM,C5,Vi,Va
Hoegemeyer	7523 Q	QR	Y	105	Lum, L1
Hoegemeyer	7843 AM	AM	Y	108	Lum, L1
Hoegemeyer	8052 Q	QR	Y	110	Lum, L1
Innqvist	A0842	STX	N	108	Treated
Innqvist	A1062	TRE	N	110	Treated
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P5V,SU+Zn
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
Kruger	K0783DP	VT2P	Y	107	AC,P5V,EDC-B
Kruger	K0858DP	VT2P	Y	108	AC,P5V,EDC-B
Kruger	K0915DD	VT2PDG	Y	109	AC,P5V,EDC-B
Kruger	K1005DP	VT2P	Y	110	AC,P2
Latham	LH 5559 SS RIB	STX	Y	105	AC,P5
Latham	LH 5646 PCE	PC,E	N	106	AVC,C2,Vi,Va
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
Latham	LH 6097 VT2P RIB	VT2P	Y	110	AC,P2
NK Brand	NK0696-D	D	Y	106	AVC,C2,Vi,Va
NK Brand	NK0748-AA	AA	Y	107	AVC,C2,Vi,Va
NK Brand	NK1026-DVZ	VZ	Y	110	AVC,C2,CM,C5,Vi,Va
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK700SSTX	STX	N	108	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK774VT2P	VT2P	N	108	AC,P2
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Wyffels	W4025	TRE	N	105	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W4246RIB	VT2P	Y	105	AC,P2
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W5778RIB	STX	Y	109	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.

## 2022 Corn - Iowa West Central [ IAWC ]

### Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV5214	AM	Y	114	Treated
AgVenture	AV7913AM	AM	Y	113	Treated
AgVenture	AV9711	QR	Y	111	Treated
Channel	214-78DGV2PRIB GC	VT2PDG	Y	114	Treated
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
Dyna-Gro	D53TC23RIB	TRE	Y	113	AC,P5V
Dyna-Gro	D54VC34RIB	VT2P	N	114	AC,P5V
FS InVision	FS 6225L1 EZR	AA	Y	112	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 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G11V76-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Hoegemeyer	8303 AM	AM	Y	113	Lum, L1
Innictis	A1192	STX	N	111	Treated
Innictis	A1462	VT2P	N	114	Treated
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P5V,SU+Zn
Integra	6493 VT2P	VT2P	N	114	AC,P5V
Integra	6555 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Integra	6588 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Kruger	K1139SS	STX	Y	111	AC,P5V,EDC-B
Kruger	K1191DT	TRE	Y	111	AC,P5V,EDC-B
Kruger	K1313DD	VT2PDG	Y	113	AC,P5V
Kruger	K1460DT	TRE	Y	114	AC,P5V,EDC-B
Kruger	K1501DP	VT2P	Y	115	AC,P5V,EDC-B
Latham	LH 6149 SS RIB	STX	Y	111	AC,P5V
Latham	LH 6155 VT2P RIB	VT2P	Y	111	AC,P5V
Latham	LH 6227 VT2P RIB	VT2P	Y	112	AVC,C2,Vi,Va
Latham	LH 6477 VT2P RIB	VT2P	Y*	114	AC,P2
Latham	LH 6529 SS RIB	STX	Y	115	AC,P5V
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1523-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Pioneer	P0953AM CK	AM	Y	109	Lum
Pioneer	P1222AM GC	AM	Y	112	Treated
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK940SSTX	STX	N	115	AC,P5V
Renk	RK958VT2P	VT2P	N	115	AC,P2
Wyffels	W6935	TRE	N	111	AC,P2
Wyffels	W7416RIB	VT2P	Y	112	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W8306	VT2P	N	115	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

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^	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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AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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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,P5	Acceleron® 500
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,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

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