

Test by: M&D Seed Research, LLC Van Buren, IN

## 2021 Corn Grain Top 30 Harvest Report

Indiana North [INNO] HOWE, IN  
Carl Quirin, Lagrange County, IN 49091

<b>Early-Season Test</b>	103 - 108 Day CRM B2021INNO01a
<b>Top 30 of 44</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Estendamax
<b>SOIL DESCRIPTION:</b>	Elston sandy loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, very high K, 6.2 pH, 4.1% OM, 13.8 CEC
<b>PEST MANAGEMENT:</b>	Balance Flex, Bicep 2 Mag
<b>FERTILITY - Applied N:</b>	60 Spring, 90 Sidedress
<b>Applied N-P-K (units):</b>	150-0-0
<b>SEEDED - RATE - ROW:</b>	May 13 33.6 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 28 32.8 /A

### TEST COMMENTS:

*This location is an excellent example of a dryland northern Indiana sandy loam site. This site planted well in the second week of May and had excellent emergence and early season health. We started the season dry then had some early summer rains before drying out late in the summer. The dry summer combined with a lighter soil caused the plot to be lower than average yielding.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Integra	5802 VT2PRIB ↗	VT2P	108	<b>179.0</b>	18.7	1	33.2	881	2	
Dyna-Gro	D45TC55 ↗	TRE	105	<b>177.5</b>	16.1	1	32.9	884	1	
Partners Brand	PB 7525 HAW ↗	PC	105	<b>176.1</b>	17.2	1	31.9	873	3	
Local Seed	LC0607 TCRIB ↗	TRE	106	<b>175.2</b>	16.8	1	32.2	870	4	
Dyna-Gro	D48VC84 ↗	VT2P	108	<b>173.7</b>	18.2	5	33.2	857	5	
Specialty	38D871 ↗	VT2P	108	<b>173.4</b>	18.0	1	33.2	856	6	
Local Seed	LC0707 DGV2PRIB ↗	VT2PDG	107	<b>172.9</b>	17.6	1	33.2	855	7	
FS InVision	FS 5815V RIB ↗	VT2P	108	170.2	17.2	1	33.2	844	9	
NK Brand	NK0877-3220 EZR ↗	3220	108	169.5	19.0	1	32.9	833	11	
Great Heart	HT-6560VT2P ↗	VT2P	105	169.1	15.8	1	31.9	844	10	
Dairyland	DS-4440AM ↗	AM	104	167.7	17.9	1	33.2	828	12	
Pioneer	P0720AM GC ↗	AM	107	166.7	19.5	1	33.2	817	18	
Dairyland	DS-4510Q ↗	QR	105	166.2	17.8	1	32.5	821	14	
Ebberts	7209TR RIB ↗	TRE	108	165.7	18.1	1	32.2	818	17	
Local Seed	LC0518 VT2PRIB ↗	VT2P	105	165.4	16.0	2	32.9	825	13	
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	165.0	16.8	1	32.9	820	15	
Dairyland	DS-4310AM ↗	AM	103	165.0	18.2	1	32.5	813	19	
FS InVision	FS 5515D2 EZR ↗	5222	105	164.8	16.6	1	33.2	820	16	
Renk	RK710DGV2P ↗	VT2PDG	107	162.9	16.2	1	33.2	811	21	
Wyckoff	2483 VT2P RIB ↗	VT2P	105	162.8	15.8	1	32.5	813	20	
Ebberts	6138VT2P RIB ↗	VT2P	108	162.4	16.6	1	33.2	807	22	
FS InVision	FS 5704V RIB ↗	VT2P	107	162.2	17.6	4	33.2	803	23	
Great Heart	HT-6887DURACADE ↗	5222	108	160.8	20.2	34	32.9	785	25	
Integra	5719 VT2PRIB ↗	VT2P	107	159.5	17.0	1	33.2	792	24	
NK Brand	NK0748-3120 EZR ↗	3120	107	158.5	18.7	5	32.5	780	27	
Wyckoff	2585 SS RIB ↗	STX	108	157.7	17.0	1	32.9	782	26	
Renk	RK700SSTX ↗	STX	107	157.7	18.1	1	32.5	778	28	
Augusta	A4759-3111 ↗	3111	109	157.0	18.0	6	32.5	775	29	
Dairyland	DS-4840AM ↗	AM	108	155.7	18.3	1	32.9	768	31	
Wyckoff	2584 VT2P RIB ↗	VT2P	108	155.5	17.5	1	32.9	770	30	
Pioneer	P0977AM CK	AM	109	172.3	19.4	1	32.9	845	8	
				<b>Averages =</b>	<b>161.5</b>	<b>17.6</b>	<b>3</b>	<b>32.8</b>	<b>799</b>	
				<b>LSD (0.10) =</b>	8.9	0.5	4			
				<b>LSD (0.25) =</b>	4.7	0.3	2			
				<b>C.V. =</b>	6.1					
				Historic yield: 182.02 bu/a, 10 yr(s)						

Matt Turner

mattturner1979@yahoo.com, (317) 606-9040

**Yield & Income Factors:** Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 09/29/2021

† 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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Test by: M&D Seed Research, LLC Van Buren, IN

## 2021 Corn Grain Top 30 Harvest Report

Indiana North [INNO] HOWE, IN  
Carl Quirin, Lagrange County, IN 49091

<b>Full-Season Test</b>	109 - 112 Day CRM B2021INNO01b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Estendamax
<b>SOIL DESCRIPTION:</b>	Elston sandy loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, high P, very high K, 6.2 pH, 4.1% OM, 13.8 CEC
<b>PEST MANAGEMENT:</b>	Balance Flex, Bicep 2 Mag
<b>FERTILITY - Applied N:</b>	60 Spring, 90 Sidedress
<b>Applied N-P-K (units):</b>	150-0-0
<b>SEEDED - RATE - ROW:</b>	May 13 33.6 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 28 32.7 /A

### TEST COMMENTS:

*This location is an excellent example of a dryland northern Indiana sandy loam site. This site planted well in the second week of May and had excellent emergence and early season health. We started the season dry then had some early summer rains before drying out late in the summer. The dry summer combined with a lighter soil caused the plot to be lower than average yielding.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Local Seed	LC0999 VT2PRIB ↗	VT2P	109	<b>183.8</b>	18.8	2	33.2	904	1
Dyna-Gro	D51VC67 ↗	VT2P	110	<b>175.4</b>	19.7	5	32.9	858	2
FS InVision	FS 6194V RIB ↗	VT2P	111	<b>172.8</b>	19.1	2	32.2	848	3
Integra	6284 VT2PRIB ↗	VT2P	112	<b>166.8</b>	22.6	1	33.2	804	7
Dyna-Gro	D50VC09 ↗	VT2P	110	<b>166.4</b>	20.2	3	33.2	812	4
Renk	RK882TRE ↗	TRE	111	<b>166.1</b>	21.0	4	32.5	808	5
FS InVision	FS 6017V RIB ↗	VT2P	110	<b>164.6</b>	19.8	3	33.2	805	6
Partners Brand	PB 8071 ↗	3110	110	<b>163.5</b>	22.5	5	32.9	789	9
Renk	RK826VT2P ↗	VT2P	111	<b>161.4</b>	20.8	1	33.2	786	11
ProHarvest	79P49 VT2PRIB ↗	VT2P	109	161.2	19.6	2	32.2	789	10
FS InVision	FS 6107T RIB ↗	TRE	111	160.3	19.6	1	32.9	785	12
Wyckoff	2634 VT2P RIB ↗	VT2P	110	159.9	20.2	1	32.5	781	13
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	158.5	20.2	1	32.9	774	14
Local Seed	LC0918 VT2P ↗	VT2P	109	157.1	19.8	1	32.9	769	16
Ebberts	7722TR RIB ↗	TRE	112	156.8	20.2	10	32.5	766	17
Wyckoff	2669 SS RIB ↗	STX	111	156.7	22.4	1	32.9	756	20
Purple Ribbon	22A10VT2P ↗	VT2P	110	156.5	18.5	16	32.9	770	15
FS InVision	FS 6217X RIB ↗	STX	112	156.2	21.3	4	32.5	758	19
Wyckoff	2667 DGVT2P RIB ↗	VT2PDG	111	155.5	21.8	35	33.2	753	22
Great Heart	HT-7114VT2P ↗	VT2P	111	155.4	19.0	3	32.2	763	18
Purple Ribbon	22A12VT2PRIB ↗	VT2P	112	155.4	22.1	1	31.9	751	23
ProHarvest	81P88 TRERIB ↗	TRE	111	154.5	20.4	8	32.5	754	21
Purple Ribbon	21A09VT2PRIB ↗	VT2P	109	153.5	20.4	1	32.5	748	25
Integra	6162 VT2PRIB ↗	VT2P	111	152.6	19.1	3	32.5	749	24
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	152.5	20.9	1	33.2	742	26
ProHarvest	79P72 3330EZ ↗	3330	109	152.5	22.4	4	33.5	736	28
Specialty	41DT911 ↗	TRE	111	151.2	20.0	1	31.5	739	27
Renk	RK821SSTX ↗	STX	111	150.4	19.9	1	33.2	736	29
Local Seed	LC1009 VT2PRIB ↗	VT2P	110	150.1	19.4	1	32.5	736	30
FS InVision	FS 6106X RIB ↗	STX	111	148.1	19.3	1	32.5	726	31
Pioneer	P0977AM CK	AM	109	161.6	19.9	3	32.9	790	8
				<b>Averages =</b>	<b>153.2</b>	<b>20.6</b>	<b>5</b>	<b>32.7</b>	<b>747</b>
				<b>LSD (0.10) =</b>	8.1	0.7	7		
				<b>LSD (0.25) =</b>	4.2	0.3	4		
				<b>C.V. =</b>	5.8				
				Historic yield: 182.02 bu/a, 10 yr(s)					



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**Yield & Income Factors:** Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 09/29/2021

† 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)

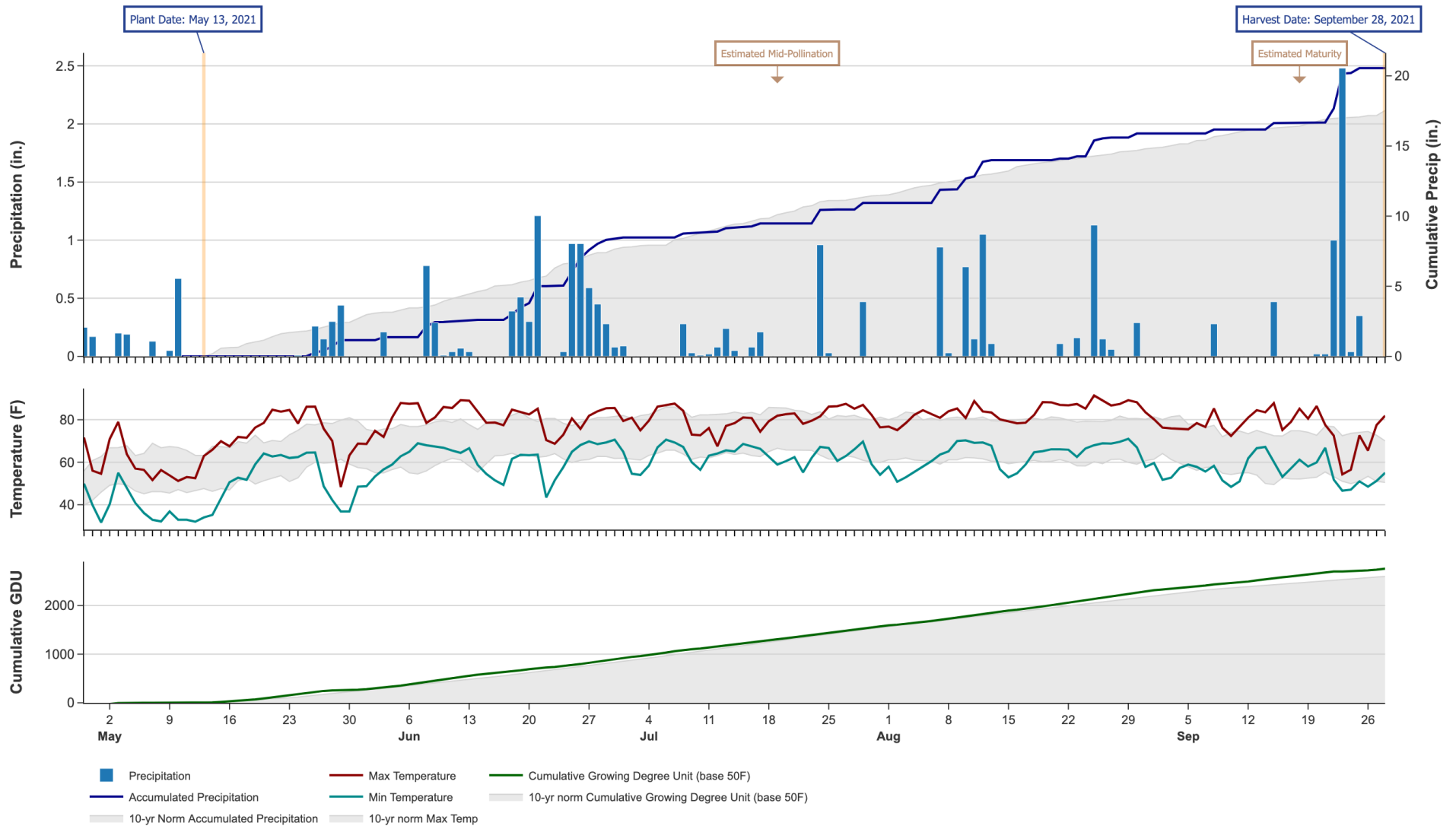
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# 2021 Corn - Indiana North [ INNO ]

## Weather Conditions Summary at HOWE, IN

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in)   Normal (Diff)	0.4   0.3 (+0.1)	2.4   4.6 (-2.2)	7.2   5.0 (+2.3)	2.5   3.8 (-1.3)	5.0   3.3 (+1.6)	4.7   2.7 (+1.9)	22.2   19.8 (+2.4)
GDU   Normal (Diff)	11   5 (+5)	304   352 (-48)	634   580 (+53)	672   715 (-43)	720   634 (+85)	462   418 (+43)	2803   2707 (+95)



\* 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 - Indiana North [ INNO ]

### Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1258-5222-EZ	5222	Y	108	CM,C2
Augusta	A1457-5122-EZ	5122	Y	107	AC250
Augusta	A3758-3220-EZ	3220	Y	108	AVC,C5
Augusta	A4759-3111	3111	N	109	CM,C2
Augusta	A4858-5122-EZ	5122	Y	108	CM,C2
Dairyland	DS-4310AM	AM	Y	103	Lum,P1V
Dairyland	DS-4440AM	AM	Y	104	Lum,P5V
Dairyland	DS-4510Q	QR	Y	105	Lum,P1V
Dairyland	DS-4840AM	AM	Y	108	Lum,P5V
Dairyland	DS-4878AM	AM	Y	108	Lum,P1V
Dyna-Gro	D45TC55	TRE	N	105	AC,P5V
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Ebberts	6138VT2P RIB	VT2P	Y	108	AC250,Ri
Ebberts	6626VT2P RIB	VT2P	Y	106	AC250,Ri
Ebberts	7209TR RIB	TRE	Y	108	AC250,Ri
FS InVision	FS 53ZX1 RIB	STX	Y	103	AC,P5V
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
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
Great Heart	HT-6560VT2P	VT2P	Y	105	AC,P5V
Great Heart	HT-6887DURACADE	5222	Y	108	AC,P5V
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P2,SU
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
Local Seed	LC0518 VT2PRIB	VT2P	Y	105	AC,P5V,EDC-EL
Local Seed	LC0607 TCRIB	TRE	Y	106	RA
Local Seed	LC0707 DGVT2PRIB	VT2PDG	Y	107	RA
NK Brand	NK0748-3120 EZR	3120	Y	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
Partners Brand	PB 7525 HAW	PC	N*	105	AL2500
Pioneer	P0720AM GC	AM	Y	107	Lum
Pioneer	P0977AM CK	AM	Y	109	Lum
Purple Ribbon	21A08VT2PRIB	VT2P	Y	108	AC,P2
Renk	RK700SSTX	STX	N	107	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Specialty	36D260	VT2P	Y	106	AC,P5,B360
Specialty	38D871	VT2P	Y	108	AC,P5,B360
Wyckoff	2440 SS RIB	STX	Y	106	AC,P5V,EDC-EL
Wyckoff	2483 VT2P RIB	VT2P	Y	105	AC,P2
Wyckoff	2583 TRE RIB	TRE	Y	108	AC,P5V
Wyckoff	2584 VT2P RIB	VT2P	Y	108	AC,P5V
Wyckoff	2585 SS RIB	STX	Y	108	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 - Indiana North [ INNO ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A6162-5222-EZ	5222	Y	112	CM,C2
Dairyland	DS-4917AM	AM	Y	109	Lum
Dairyland	DS-5018AM	AM	Y	110	Lum,P1V
Dairyland	DS-5144Q	QR	Y	111	Lum,P1V
Dairyland	DS-5250AM	AM	Y	112	Lum,P1V
Dairyland	DS-5279Q	QR	Y	112	Lum,P1V
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V
Dyna-Gro	D51VC67	VT2P	N	110	AC,P5V
Ebberts	6883DGV2P RIB	VT2PDG	Y	112	AC250,Ri
Ebberts	7722TR RIB	TRE	Y	112	AC250,Ri
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6107T RIB	TRE	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V
Great Heart	HT-6948VT2P	VT2P	Y	109	AC,P5V
Great Heart	HT-7114VT2P	VT2P	Y	111	AC,P5V
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P2,SU
Local Seed	LC0918 VT2P	VT2P	Y	109	AC,P5V,EDC-EL
Local Seed	LC0999 VT2PRIB	VT2P	Y	109	RA
Local Seed	LC1009 VT2PRIB	VT2P	Y	110	RA
NK Brand	NK1026-3330 EZR	3330	Y	110	AVC,C5,Vi
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
NK Brand	NK1188-5122 EZR	5122	Y	111	AVC,C5,Vi
Partners Brand	PB 8071	3110	N*	110	AL2500
Pioneer	P0977AM CK	AM	Y	109	Lum
Pioneer	P1197AM GC	AM	Y	111	Lum
ProHarvest	79P49 VT2PRIB	VT2P	Y	109	AC,P5V
ProHarvest	79P72 3330EZ	3330	Y	109	AC,P5V
ProHarvest	81P88 TRERIB	TRE	Y	111	AC,P5V
Purple Ribbon	21A09VT2PRIB	VT2P	Y	109	AC,P2
Purple Ribbon	22A10VT2P	VT2P	N	110	AC,P2
Purple Ribbon	22A12VT2PRIB	VT2P	Y	112	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Schlessman	SX 745 VT2P GC	VT2P	Y	112	AC,P2
Specialty	39A569	STX	Y	109	AC,P5V,EDC-B
Specialty	41A091	STX	Y	111	AC,P5V,EDC-B
Specialty	41DT911	TRE	Y	111	AC,P5,B360
Wyckoff	2634 VT2P RIB	VT2P	Y	110	AC,P5V
Wyckoff	2646 SS RIB	STX	Y	112	AC,P5V
Wyckoff	2667 DGV2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2669 SS RIB	STX	Y	111	AC,P5V
Wyckoff	2679 DGV2P RIB	VT2PDG	Y	112	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)
3111	Agrisure® Viptera® 3111
3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
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
AC250	Acceleron® 250
AC250,Ri	Acceleron® 250, Rizolex
AC,P2	Acceleron® 250
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
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	Acceleron® Poncho 500/Votivo, StepUp
AL2500	Alert 2500, Surefire
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Lum,P5V	LumiGEN™ Poncho 500/Votivo
RA	Radius 500 (Local Seed Co)

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