

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

## 2024 Corn Grain Top 30 Harvest Report

North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]  
MANCHESTER, IA  
John Crock, Delaware County, IA 52057

<b>Early-Season Test</b>	101 - 107 Day CRM B2024NCTS12a
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn, 2+ Yr / Harness Xtra, Roundup, Callisto
<b>SOIL DESCRIPTION:</b>	Kenyon loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 6.4 pH, 3.2% OM, 13.8 CEC
<b>PEST MANAGEMENT:</b>	Harness Xtra, Roundup, Callisto, Trivapro, Warrior, Force
<b>FERTILITY - Applied N:</b>	100 Fall, 100 Sidedress
<b>Applied N-P-K (units):</b>	200-92-120
<b>SEEDED - RATE - ROW:</b>	May 15 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 14 34.9 /A

### TEST COMMENTS:

*This plot was planted on May 15 in great soil conditions. By June, this location had already received over 6 inches of rain. At V5, the plot looked very good and didn't seem phased by all the rain that was received. Some tar spot was present at the time of harvest, not seeming to affect yield. The corn was nice and tall with excellent root structure, most ears facing upwards. I would like to thank Austin for all the help that he provided this season. John passed away just before planting, many of us lost a very good friend, and he will be missed.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	C6713DP ↗	VT2P	107	<b>272.2</b>	20.5	1	35.7	1030	1
NuTech	66C2V ↗	VE	106	<b>262.3</b>	20.3	1	35.7	995	3
NuTech	63A7V ↗	VE	103	<b>252.7</b>	20.7	1	36.6	955	5
Burrus	POWER PLUS 3G31AM ↗	AM	106	<b>251.5</b>	20.0	7	38.4	956	4
Renk	RK705VT4P ↗	VT4P	105	<b>250.2</b>	19.9	1	34.8	952	6
Channel	205-40VT4PRIB GC ↗	VT4P	105	<b>249.6</b>	20.2	1	33.9	947	7
DeKalb	DKC56-26RIB GC ↗	TRE	106	<b>248.1</b>	21.9	6	34.8	929	9
Dairyland	DS-4488V ↗	VE	104	<b>246.9</b>	20.0	1	37.5	938	8
LG Seeds	LG56C25SSP GC ↗	STXP	106	245.0	20.6	2	34.8	927	11
Dairyland	DS-4533PCE ↗	PCE	105	244.8	20.3	1	34.8	928	10
NuTech	66D1AM ↗	AM	106	244.1	20.1	4	36.6	927	12
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	244.0	20.2	1	35.7	926	13
Cornelius	C6467PCE ↗	PCE	104	243.0	20.2	1	36.6	922	14
Legacy	LC572-22 ↗	STX	107	242.9	20.4	4	34.0	920	15
Dairyland	DS-4191V ↗	VE	101	239.5	20.3	1	36.6	908	16
Channel	204-54SSPRIB GC ↗	STXP	104	238.2	19.9	10	36.6	906	18
Legacy	LC531-24 ↗	VT4P	103	237.6	19.4	1	34.8	907	17
Burrus	POWER PLUS 2A17 VE ↗	VE	104	236.9	20.6	1	30.4	896	19
FS InVision	FS 5725X RIB ↗	STX	107	236.8	20.7	1	36.6	895	20
Wyffels	W5019RIB ↗	STXP	107	236.0	21.5	1	33.1	886	22
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	234.2	19.9	1	34.8	891	21
Renk	RK720TRE ↗	TRE	106	230.0	20.3	1	35.7	872	23
Wyffels	W4439RIB ↗	STXP	106	228.5	19.6	1	35.7	871	24
NuTech	65B8V ↗	VE	105	227.5	20.6	1	33.1	860	25
Pioneer	P05737Q GC ↗	QR	105	226.5	20.8	1	36.6	855	26
Cornelius	C6472TRE ↗	TRE	104	225.4	20.9	1	34.0	850	27
Rob-See-Co	RC5768-VT2P ↗	VT2P	107	224.0	21.1	4	33.9	844	30
Rob-See-Co	RC5422-PCE ↗	PCE	104	223.3	20.1	1	34.8	848	29
Integra	5225 TRERIB ↗	TRE	102	222.9	19.6	1	37.5	849	28
Wyffels	W3309RIB ↗	STXP	103	222.3	20.5	1	35.7	842	31
<b>PIONEER</b>	<b>P0720Q CK</b>	<b>QR</b>	<b>107</b>	<b>269.9</b>	<b>22.1</b>	<b>1</b>	<b>35.7</b>	<b>1009</b>	<b>2</b>
				<b>Averages =</b>	<b>230.8</b>	<b>20.4</b>	<b>3</b>	<b>34.9</b>	<b>875</b>
				LSD (0.10) =	15.9	0.8	ns		
				LSD (0.25) =	8.4	0.4	ns		
				C.V. =	6.5				
				Historic yield: 205.77 bu/a, 24 yr(s)					

Jason Beyers

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.95

Report Date: 10/14/2024

† 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

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## 2024 Corn Grain Top 30 Harvest Report

North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]  
MANCHESTER, IA  
John Crock, Delaware County, IA 52057

<b>Full-Season Test</b>	108 - 111 Day CRM B2024NCTS12b
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn, 2+ Yr / Harness Xtra, Roundup, Callisto
<b>SOIL DESCRIPTION:</b>	Kenyon loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 6.4 pH, 3.2% OM, 13.8 CEC
<b>PEST MANAGEMENT:</b>	Harness Xtra, Roundup, Callisto, Trivapro, Warrior, Force
<b>FERTILITY - Applied N:</b>	100 Fall, 100 Sidedress
<b>Applied N-P-K (units):</b>	200-92-120
<b>SEEDED - RATE - ROW:</b>	May 15 37.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 14 35.3 /A

### TEST COMMENTS:

*This plot was planted on May 15 in great soil conditions. By June, this location had already received over 6 inches of rain. At V5, the plot looked very good and didn't seem phased by all the rain that was received. Some tar spot was present at the time of harvest, not seeming to affect yield. The corn was nice and tall with excellent root structure, most ears facing upwards. I would like to thank Austin for all the help that he provided this season. John passed away just before planting, many of us lost a very good friend, and he will be missed.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	211-42SSPRIB GC ↗	STXP	111	<b>287.4</b>	24.3	1	36.6	1055	1
Cornelius	C7026PCE ↗	PCE	110	<b>279.9</b>	22.4	1	35.7	1043	2
FS InVision	FS 6025X RIB ↗	STX	110	<b>275.8</b>	22.3	1	37.5	1029	3
Wyffels	W6505 ↗	TRE	110	<b>275.3</b>	23.6	1	35.7	1017	5
Renk	RK773TRE ↗	TRE	109	<b>274.1</b>	23.8	1	33.0	1010	6
Pioneer	P10477Q GC ↗	QR	110	<b>272.1</b>	21.9	1	34.8	1019	4
Renk	RK800VT4PRO ↗	VT4P	110	<b>271.4</b>	23.3	1	33.9	1004	7
NuTech	69C7PCE ↗	PCE	109	<b>270.5</b>	25.8	1	37.5	981	11
FS InVision	FS 5935X RIB ↗	STX	109	<b>270.2</b>	22.9	1	35.7	1003	8
DeKalb	DKC111-33RIB GC ↗	STXP	111	268.3	22.5	1	35.7	999	9
NuTech	70F6V ↗	VE	110	262.9	23.2	1	35.7	974	13
Integra	5802 VT2PRIB ↗	VT2P	108	262.5	20.4	2	35.7	995	10
Dairyland	DS-4833AM ↗	AM	108	261.4	21.7	1	35.7	980	12
Renk	RK785PCE ↗	PCE	109	261.0	22.5	1	33.1	972	14
NuTech	70B4AM ↗	AM	110	260.8	23.9	4	35.7	961	18
Burrus	POWER PLUS 4V73AM ↗	AM	109	260.2	24.1	1	37.5	957	20
NuTech	68C1V ↗	VE	108	259.4	22.1	1	35.7	970	15
Wyffels	W6479 ↗	STXP	110	258.2	22.0	4	35.7	965	16
Golden Harvest	G08U00-V ↗	V	108	258.0	22.3	2	35.7	963	17
Dairyland	DS-4969PCE ↗	PCE	109	256.4	22.0	1	36.6	959	19
FS InVision	FS 5845P RIB ↗	STXP	108	254.9	22.2	1	33.9	952	21
Cornelius	C7021DP ↗	VT2P	110	254.1	22.5	2	33.9	947	22
Epley	E2109PCE ↗	PCE	111	253.9	25.0	1	35.7	926	27
Augusta	A2060 GC ↗	PCE	110	252.5	21.9	1	34.8	945	23
FS InVision	FS 5947T RIB ↗	TRE	109	252.3	24.1	1	34.8	928	26
Burrus	4W42 PCE ↗	PCE	108	251.7	23.3	1	36.6	932	24
Renk	RK742VT2P ↗	VT2P	108	251.6	23.5	1	34.8	929	25
Dyna-Gro	D50SP65RIB ↗	STXP	110	250.4	23.9	1	33.9	922	28
Dairyland	DS-5128PCE ↗	PCE	111	248.7	23.1	3	33.9	922	29
NK Brand	NK0880-V ↗	V	108	244.8	21.7	1	33.9	918	30
<b>PIONEER</b>	<b>P0720Q CK</b>	<b>QR</b>	<b>107</b>	<b>238.2</b>	<b>22.7</b>	<b>2</b>	<b>37.5</b>	<b>886</b>	<b>38</b>
				<b>Averages =</b>	<b>254.6</b>	<b>23.1</b>	<b>1</b>	<b>35.3</b>	<b>944</b>
				LSD (0.10) =	15.6	1.5	ns		
				LSD (0.25) =	8.2	0.8	ns		
				C.V. =	5.8				
				Historic yield: 205.77 bu/a, 24 yr(s)					

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.95

Report Date: 10/14/2024

† 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

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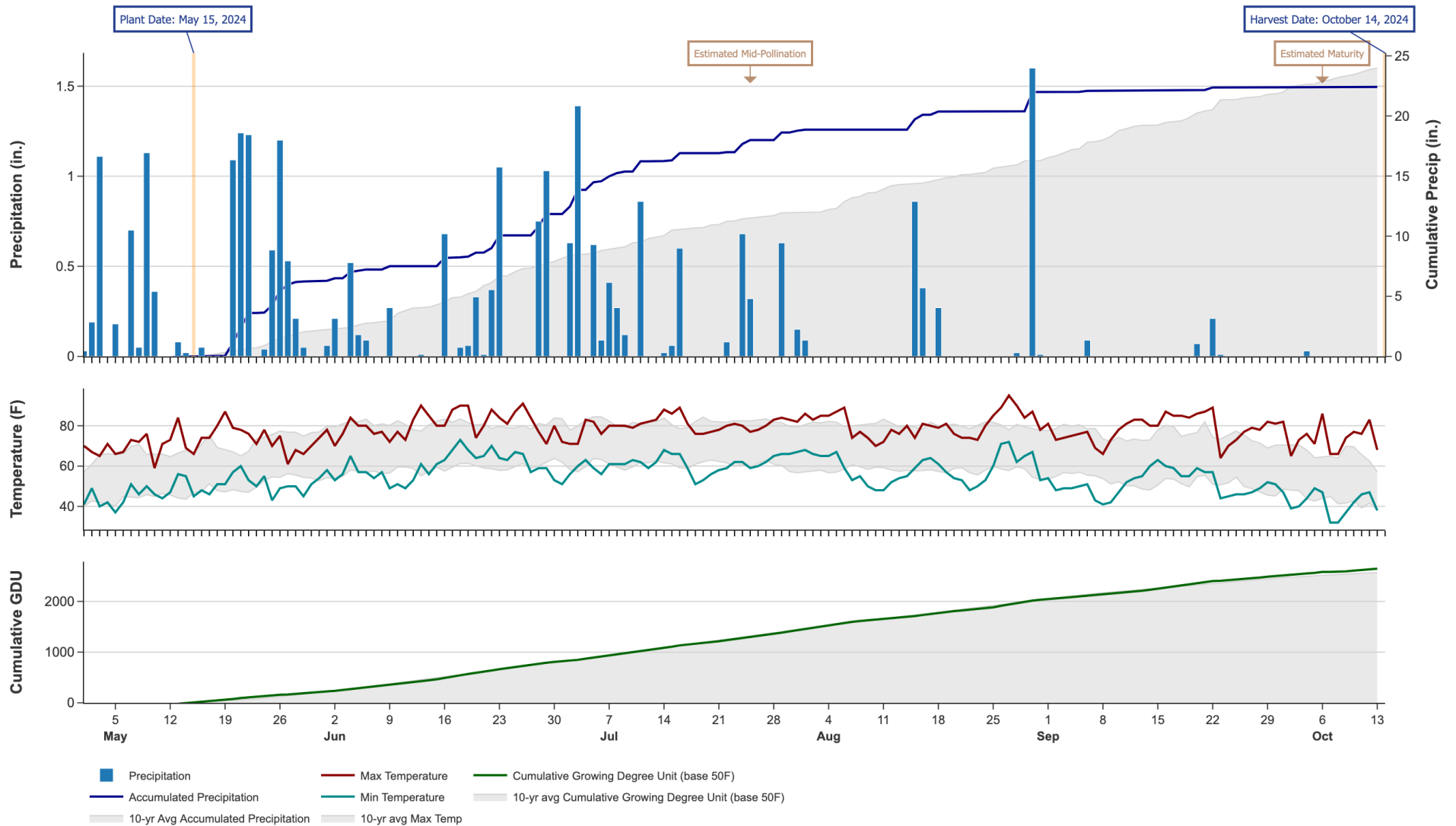
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# 2024 Corn - North Central Iowa, Tri-State Illinois & Wisconsin [ NCTS ]

## Weather Conditions Summary at MANCHESTER, IA

Weather Data Retrieved: 10/14/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	10.1   4.1 (+6.0)	5.6   5.7 (-0.1)	6.9   4.0 (+2.9)	3.2   4.3 (-1.1)	0.4   5.5 (-5.2)	0.0   2.1 (-2.1)	26.3   25.9 (+0.4)
GDU   Avg (Diff)	362   315 (+46)	601   588 (+12)	626   654 (-28)	599   593 (+5)	472   423 (+48)	140   102 (+37)	2800   2677 (+122)



\* 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 - North Central Iowa, Tri-State Illinois & Wisconsin [ NCTS ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2254 GC	PCE	N	104	AC,P5V
Augusta	A2257 GC	PCE	N	107	AC,P5V
Burrus	POWER PLUS 2A17 VE	VE	Y	104	Lum, L1
Burrus	POWER PLUS 3G31AM	AM	Y	106	BPS
Channel	204-54SSPRIB GC	STXP	Y	104	AC,P5V,EDC-EL
Channel	205-40VT4PRIB GC	VT4P	Y	105	AC,P5V,EDC-EL
Cornelius	C6467PCE	PCE	N	104	F,I
Cornelius	C6472TRE	TRE	N	104	CM,C2,Vi5
Cornelius	C6713DP	VT2P	N	107	P5V,Lu
Dairyland	DS-4191V	VE	Y	101	Lum, L1
Dairyland	DS-4488V	VE	Y	104	Lum, L1
Dairyland	DS-4533PCE	PCE	Y	105	Lum, L1
DeKalb	DKC56-26RIB GC	TRE	Y	106	AC,P5V,EDC-EL
Dyna-Gro	D44PN25RA	PCE	Y	104	AC,P5V
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V
FS InVision	FS 5147T RIB	TRE	Y	101	AC,P5V
FS InVision	FS 5335P RIB	STXP	Y	103	AC,P5V
FS InVision	FS 5525VDG RIB	VT2PDG	Y	105	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V
Golden Harvest	G01U74-AA	AA	Y	101	CM,C1,Vi,Va
Golden Harvest	G03U08-D	D	Y	103	CM,C1,Vi,Va
Integra	5225 TRERIB	TRE	Y	102	AC,P5V,St,SU
Integra	5443 DGV2PRIB	VT2PDG	N	104	AC,P5V,St,SU
Integra	5584 PCE	PCE	Y*	105	AC,P5V,St,SU
Legacy	LC531-24	VT4P	Y*	103	AC,P5
Legacy	LC572-22	STX	N	107	AC,P5
LG Seeds	LG56C25SSP GC	STXP	Y*	106	AC,P5V
NK Brand	NK0123-AA	AA	Y	101	CM,C1,Vi,Va
NK Brand	NK0252-D	D	Y	102	CM,C1,Vi,Va
NuTech	63A7V	VE	Y	103	Lum, L1
NuTech	65B8V	VE	Y	105	Lum, L1
NuTech	66C2V	VE	Y	106	LumPro P2
NuTech	66D1AM	AM	Y	106	LumPro P2
Pioneer	P05737Q GC	QR	Y	105	Lum, L1
Pioneer	P0720Q CK	QR	Y	107	Lum, L1
Renk	RK625DGV2P	VT2PDG	Y*	104	AC,P2
Renk	RK628VT2P	VT2P	Y*	102	AC,P2
Renk	RK705VT4P	VT4P	N	105	AC,P5V,EDC-EL
Renk	RK720TRE	TRE	Y*	106	AC,P2
Rob-See-Co	RC5422-PCE	PCE	N	104	CM,C2,Vi,Va
Rob-See-Co	RC5768-VT2P	VT2P	Y	107	CM,C2,Vi,Va
Wyffels	W3309RIB	STXP	Y*	103	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W3579RIB	STXP	Y*	105	CM,C2,Vi,Va
Wyffels	W4439RIB	STXP	Y	106	CM,C2,Vi,Va
Wyffels	W5019RIB	STXP	Y*	107	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.

## 2024 Corn - North Central Iowa, Tri-State Illinois & Wisconsin [ NCTS ]

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2060 GC	PCE	N*	110	CM,C2
Augusta	A2061-PWE GC	PCE	N	111	CM,C2
Burrus	4W42 PCE	PCE	Y	108	Lum, L1
Burrus	POWER PLUS 4V73AM	AM	Y	109	Lum, L1
Channel	211-42SSPRIB GC	STXP	Y	111	AC,P5V,EDC-EL
Cornelius	C7021DP	VT2P	N	110	CM,C2,Vi,Va
Cornelius	C7026PCE	PCE	N	110	CM,C2,Vi,Va
Dairyland	DS-4833AM	AM	Y	108	Lum
Dairyland	DS-4969PCE	PCE	Y	109	Lum, L1
Dairyland	DS-5128PCE	PCE	Y	111	Lum, L1
DeKalb	DKC111-33RIB GC	STXP	Y	111	AC,P5V,EDC-EL
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D50SP65RIB	STXP	Y	110	AC,P5V,EDC-B
Epley	E2109PCE	PCE	N	111	F
FS InVision	FS 5845P RIB	STXP	Y	108	AC,P5V
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
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Golden Harvest	G11V76-D	D	Y	111	AVC,C1,Vi,Va
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
Legacy	LC594-24	STX	N	109	P5V
LG Seeds	LG62C73VT2PRO GC	VT2P	N	111	AC,P5V
NK Brand	NK0880-V	V	Y	108	CM,C1,Vi,Va
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
NuTech	68C1V	VE	Y	108	Lum, L1
NuTech	69B5V	VE	Y	109	Lum, L1
NuTech	69C7PCE	PCE	Y	109	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum
NuTech	70F6V	VE	Y	110	Lum, L1
Pioneer	P0720Q CK	QR	Y	107	Lum, L1
Pioneer	P10477Q GC	QR	Y	110	Lum, L1
Renk	RK742VT2P	VT2P	N	108	AC,P5V,EDC-EL
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK785PCE	PCE	N	109	Lum
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Wyffels	W5406RIB	VT2P	Y*	108	CM,C2,Vi,Va
Wyffels	W6479	STXP	N	110	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va
Wyffels	W7048RIB	STX	Y*	111	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®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
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®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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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,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
BPS	Burrus PowerShield
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi5	CruiserMaxx® 250, Vibrance Cinco
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
F	Fungicide
F,I	Fungicide, Insecticide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematicide
P5V	Poncho 500/Votivo
P5V,Lu	Poncho 500/Votivo, Lumiante™

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