

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]
THOMSON, IL

Hook Farms, Dustin Hook, Carroll County, IL

Early-Season Test	101 - 107 Day CRM B2024NCTS08a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron Gt
SOIL DESCRIPTION:	Littleton/Worthen silt loam, moderately drained, irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.4 pH, 4.7% OM, 18.5 CEC
PEST MANAGEMENT:	Verdict, Callisto, Acuron Gt, Atrazine, Veltyma, Force
FERTILITY - Applied N:	161 Fall, 50 Planter, 75 Sidedress
Applied N-P-K (units):	286-52-60
SEEDED - RATE - ROW:	Apr 24 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 19 36.7 /A

TEST COMMENTS:

This is a really nice looking irrigated location. Corn was nice and tall with most of the ears still upright with strong ear shanks. There was a small amount of Grey Leaf Spot, Common Rust and Tar Spot present at the time of harvest. Stalk quality was still excellent with everything standing perfectly. Yields were slightly lower this year compared to last year, but this was Corn on Corn.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Burrus	POWER PLUS 3G31AM ↗	AM	106	322.0	21.3	1	39.3	1211	1
NuTech	66C2V ↗	VE	106	320.9	21.9	1	38.4	1201	2
Wyffels	W3579RIB ↗	STXP	105	312.5	19.1	1	35.7	1196	3
FS InVision	FS 5335P RIB ↗	STXP	103	311.6	19.4	1	36.6	1189	4
Cornelius	C6713DP ↗	VT2P	107	310.7	23.6	1	37.5	1147	14
Legacy	LC572-22 ↗	STX	107	307.1	22.3	1	37.5	1146	15
Augusta	A2257 GC ↗	PCE	107	305.8	22.9	1	35.7	1136	16
Rob-See-Co	RC5768-VT2P ↗	VT2P	107	305.5	20.7	1	36.6	1154	11
NuTech	66D1AM ↗	AM	106	305.3	21.1	1	36.6	1150	12
Channel	204-54SSPRIB GC ↗	STXP	104	304.8	20.2	1	35.7	1156	9
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	304.4	19.2	1	36.6	1164	7
Renk	RK720TRE ↗	TRE	106	304.2	18.7	1	36.6	1168	5
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	304.1	19.9	1	36.6	1156	10
Dairyland	DS-4533PCE ↗	PCE	105	303.7	19.2	1	34.8	1162	8
FS InVision	FS 5725X RIB ↗	STX	107	300.5	22.2	1	35.7	1122	23
Wyffels	W3309RIB ↗	STXP	103	300.3	19.2	1	37.5	1148	13
Dairyland	DS-4488V ↗	VE	104	297.2	20.1	1	35.7	1129	19
Augusta	A2254 GC ↗	PCE	104	296.3	18.9	1	38.4	1136	17
Cornelius	C6467PCE ↗	PCE	104	295.9	19.5	1	37.5	1129	20
Renk	RK625DGVT2P ↗	VT2PDG	104	294.9	19.5	1	34.8	1125	21
Golden Harvest	G03U08-D ↗	D	103	293.7	18.2	1	34.8	1132	18
NuTech	63A7V ↗	VE	103	293.3	19.1	1	37.5	1123	22
Channel	205-40VT4PRIB GC ↗	VT4P	105	292.8	20.1	1	35.7	1112	25
DeKalb	DKC56-26RIB GC ↗	TRE	106	292.4	20.7	1	36.6	1105	26
NuTech	65B8V ↗	VE	105	292.3	18.7	1	36.6	1122	24
Wyffels	W4439RIB ↗	STXP	106	288.4	19.9	2	37.5	1096	27
Wyffels	W5019RIB ↗	STXP	107	285.3	20.3	1	34.8	1082	31
Burrus	POWER PLUS 2A17 VE ↗	VE	104	283.9	18.6	1	37.5	1091	28
Cornelius	C6472TRE ↗	TRE	104	283.1	18.2	1	37.5	1091	29
LG Seeds	LG56C25SSP GC ↗	STXP	106	282.9	18.1	1	36.6	1091	30
PIONEER	P0720Q CK	QR	107	310.6	21.7	1	36.6	1164	6
				Averages =	288.8	19.7	1	36.7	1099
				LSD (0.10) =	17.5	1.4	ns		
				LSD (0.25) =	9.2	0.7	ns		
				C.V. =	5.8				
				Historic yield: 247.73 bu/a, 5 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: 09/19/2024

† 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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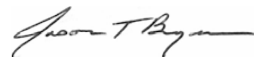
North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]
THOMSON, IL
Hook Farms, Dustin Hook, Carroll County, IL

Full-Season Test	108 - 111 Day CRM B2024NCTS08b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron Gt
SOIL DESCRIPTION:	Littleton/Worthen silt loam, moderately drained, irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.4 pH, 4.7% OM, 18.5 CEC
PEST MANAGEMENT:	Verdict, Callisto, Acuron Gt, Atrazine, Veltyma, Force
FERTILITY - Applied N:	161 Fall, 50 Planter, 75 Sidedress
Applied N-P-K (units):	286-52-60
SEEDED - RATE - ROW:	Apr 24 37.5 /A 30" spacing
HARVESTED - STAND:	Sep 19 36.9 /A

TEST COMMENTS:

This is a really nice looking irrigated location. Corn was nice and tall with most of the ears still upright with strong ear shanks. There was a small amount of Grey Leaf Spot, Common Rust and Tar Spot present at the time of harvest. Stalk quality was still excellent with everything standing perfectly. Yields were slightly lower this year compared to last year, but this was Corn on Corn.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	69C7PCE ↗	PCE	109	333.6	28.1	1	36.6	1187	4
Wyffels	W6886RIB ↗	VT2P	111	333.1	24.8	1	37.5	1218	1
Burrus	4W42 PCE ↗	PCE	108	332.0	27.4	1	37.5	1188	3
Cornelius	C7026PCE ↗	PCE	110	331.3	25.4	1	34.8	1206	2
NuTech	70F6V ↗	VE	110	321.9	26.5	1	36.6	1160	5
Pioneer	P10477Q GC ↗	QR	110	320.0	27.4	1	36.6	1145	8
FS InVision	FS 5845P RIB ↗	STXP	108	319.1	27.7	1	37.5	1139	9
Burrus	POWER PLUS 4V73AM ↗	AM	109	318.0	25.9	1	36.6	1152	6
FS InVision	FS 5947T RIB ↗	TRE	109	317.2	27.9	1	35.7	1131	12
Dairyland	DS-4969PCE ↗	PCE	109	316.6	25.9	1	37.5	1147	7
NuTech	68C1V ↗	VE	108	311.5	25.5	1	36.6	1132	10
Dairyland	DS-5128PCE ↗	PCE	111	311.4	29.7	1	36.6	1093	25
NuTech	70B4AM ↗	AM	110	311.1	28.4	1	36.6	1103	18
Integra	5935PCE ↗	PCE	109	310.5	26.3	1	37.5	1121	15
LG Seeds	LG62C73VT2PRO GC ↗	VT2P	111	309.9	29.3	1	38.4	1091	26
Augusta	A2060 GC ↗	PCE	110	309.8	25.5	1	37.5	1126	13
Dairyland	DS-4833AM ↗	AM	108	309.8	24.8	1	37.5	1132	11
FS InVision	FS 6025X RIB ↗	STX	110	308.3	28.2	1	37.5	1096	21
Epley	E2109PCE ↗	PCE	111	308.0	28.2	1	36.6	1095	23
NuTech	69B5V ↗	VE	109	307.6	26.9	1	39.3	1106	16
Renk	RK785PCE ↗	PCE	109	306.1	27.2	1	37.5	1097	20
NK Brand	NK1056-V ↗	V	110	305.7	26.4	1	39.3	1103	19
Integra	6061 SSRIB ↗	STX	110	304.2	27.8	1	36.6	1084	29
Dyna-Gro	D50SP65RIB ↗	STXP	110	303.5	28.1	1	36.6	1080	30
Renk	RK773TRE ↗	TRE	109	302.5	26.9	1	35.7	1087	27
Wyffels	W6479 ↗	STXP	110	301.8	27.6	1	37.5	1078	31
Legacy	LC594-24 ↗	STX	109	300.5	25.1	1	39.3	1096	22
Wyffels	W5406RIB ↗	VT2P	108	299.8	21.8	1	38.4	1123	14
Integra	5802 VT2PRIB ↗	VT2P	108	297.4	24.1	2	38.4	1094	24
Golden Harvest	G11V76-D ↗	D	111	295.6	24.3	1	37.5	1085	28
PIONEER	P0720Q CK	QR	107	301.8	24.5	1	38.4	1106	17
				Averages =	306.3	27.0	1	36.9	1100
				LSD (0.10) =	13.1	2.4	ns		
				LSD (0.25) =	6.9	1.3	ns		
				C.V. =	4.1	Historic yield: 247.73 bu/a, 5 yr(s)			



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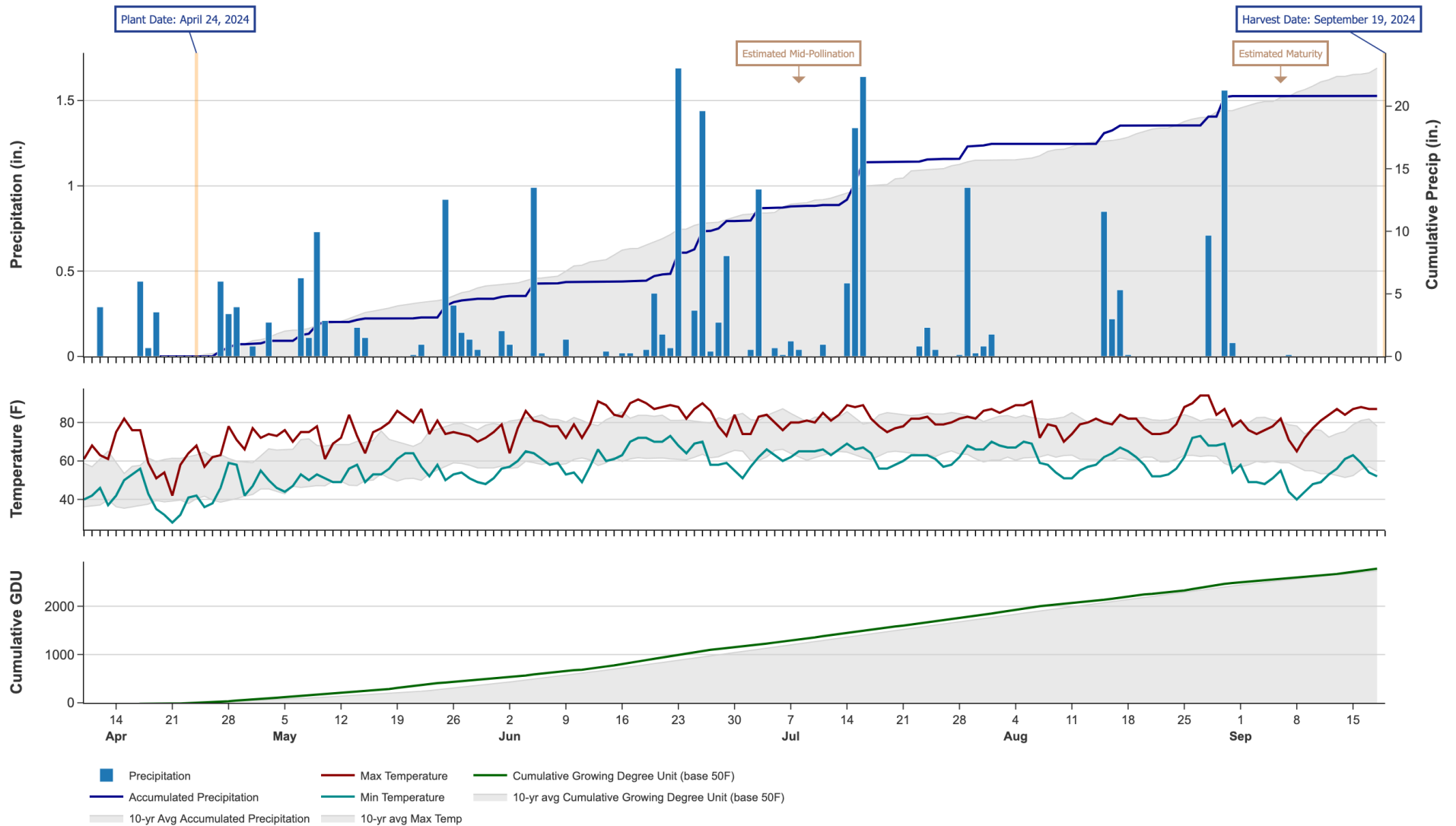
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2024 Corn - North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]

Weather Conditions Summary at THOMSON, IL

Weather Data Retrieved: 09/19/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	2.0 2.7 (-0.6)	3.6 4.7 (-1.1)	6.2 5.4 (+0.8)	6.0 4.6 (+1.5)	4.0 4.0 (-0.0)	0.0 3.4 (-3.4)	21.9 24.7 (-2.9)
GDU Avg (Diff)	154 66 (+87)	440 360 (+79)	656 632 (+23)	671 719 (-48)	659 672 (-13)	296 310 (-14)	2876 2762 (+113)



* 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

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Footnotes and Abbreviations Descriptions

Brand Footnotes

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

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

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

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™

* Seed treatments may include unspecified plant health promoting components.