

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

2023 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
B2023NCTS08a

Top 30 of 54 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Matador, Flexstar
Gt, Liberty, Veltyma, Crusader

SOIL DESCRIPTION: Littleton/Worthen silt loam, well
drained, irrigated

SOIL CONDITION: Minimum W/O Fall Till, very high
P, very high K, 6.8 pH, 3.8%
OM, 15.7 CEC

PEST MANAGEMENT: Acuron Gt, Veltyma, Crusader,
Force

FERTILITY - Applied N: 198 Fall

Applied N-P-K (units): 198-46-60

SEEDED - RATE - ROW: May 2 37.5 /A 30" spacing

HARVESTED - STAND: Oct 2 34.5 /A

TEST COMMENTS:

The plot was planted around the first of May. Planting conditions were great and the crop emerged excellent. This plot was under irrigation, but only received water twice. Plant health was still good at the time of harvest, with a little anthracnose noticeable in the upper portion of the plant. Ears were filled out all the way to the tip, and were nice and girthy. There was still a good amount of green left in the full-season hybrids. Overall a very nice uniform location that showed its true potential.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-4686AM ↗	AM	106	338.2	18.6	3	33.1	1570	1
Jung	57DP553 ↗	VT2P	107	332.7	18.8	2	34.8	1542	2
Cornelius	C6724SS ↗	STX	107	323.5	18.3	3	34.8	1505	4
Jung	56FP544 ↗	VT4P	106	323.3	16.9	2	33.9	1517	3
Cornelius	C6645PC ↗	PCE	106	323.3	19.2	2	32.2	1495	6
DeKalb	DKC107-33RIB GC ↗	STXP	107	323.2	18.8	3	35.7	1498	5
LG Seeds	LG56C25SSP GC ↗	STXP	106	320.6	19.0	6	36.6	1485	7
Wyffels	W5019 ↗	STXP	107	319.6	18.9	2	34.8	1481	8
NuTech	66D1AM ↗	AM	106	319.0	19.1	3	33.1	1476	9
Dairyland	DS-4510Q ↗	QR	105	316.6	18.0	4	34.8	1476	10
Wyffels	W3309 ↗	STXP	103	314.8	18.0	3	34.8	1467	11
Pioneer	P0529Q GC ↗	QR	105	314.3	18.5	3	32.2	1460	12
Renk	RK703PWE ↗	PCE	106	314.1	19.1	2	34.8	1453	14
Brevant	B04R11Q GC ↗	QR	104	313.2	18.2	1	34.8	1458	13
Stone	0304SS ↗	STX	103	311.8	18.4	1	34.8	1449	15
Renk	RK720TRE ↗	TRE	106	310.8	18.9	5	34.0	1440	16
Wyffels	W5086RIB ↗	VT2P	107	310.1	18.7	1	33.9	1439	17
Wyffels	W3579RIB ↗	STXP	105	309.6	18.6	5	32.2	1437	18
Stone	0603SP ↗	STXP	106	309.5	18.6	5	35.7	1437	19
NuTech	64B5Q ↗	QR	104	306.3	17.1	2	35.7	1436	20
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	306.3	17.6	5	34.0	1431	22
NuTech	66C2Q ↗	QR	106	305.7	18.6	3	34.8	1419	25
Burrus	POWER PLUS 2J67 Q ↗	QR	105	304.7	17.8	6	34.8	1422	23
Cornelius	C6639DP ↗	VT2P	106	304.6	17.8	4	35.7	1421	24
Integra	5704 SSSPRO ↗	STXP	107	303.4	19.0	2	33.9	1404	30
Legacy	LC554-21 ↗	VT2PDG	105	302.7	17.5	8	33.9	1415	26
FS InVision	FS 5335P RIB ↗	STXP	103	302.6	18.0	2	36.6	1410	27
Dairyland	DS-4365AM ↗	AM	103	301.5	17.8	3	35.7	1406	29
NuTech	63A5AM ↗	AM	103	301.3	17.4	6	32.2	1409	28
FS InVision	FS 5115X RIB ↗	STX	101	301.1	17.9	4	33.9	1404	31
PIONEER	P0720Q CK	QR	107	308.7	18.4	1	36.6	1435	21
				Averages =	301.9	18.1	4	34.5	1406
				LSD (0.10) =	12.8	0.9	3		
				LSD (0.25) =	6.7	0.5	2		
				C.V. =	4.0				
				Historic yield: 230.18 bu/a, 3 yr(s)					

Jason T. Beyers

Jason Beyers

beyers@frontiernet.net, (815) 493-9005

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$4.75

Report Date: 10/02/2023

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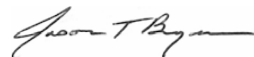
North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]
THOMSON, IL
Hook Farms, Dustin Hook, Carroll County, IL

Full-Season Test	108 - 111 Day CRM B2023NCTS08b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Matador, Flexstar Gt, Liberty, Veltyma, Crusader
SOIL DESCRIPTION:	Littleton/Worthen silt loam, well drained, irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.8 pH, 3.8% OM, 15.7 CEC
PEST MANAGEMENT:	Acuron Gt, Veltyma, Crusader, Force
FERTILITY - Applied N:	198 Fall
Applied N-P-K (units):	198-46-60
SEEDED - RATE - ROW:	May 2 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 2 34.7 /A

TEST COMMENTS:

The plot was planted around the first of May. Planting conditions were great and the crop emerged excellent. This plot was under irrigation, but only received water twice. Plant health was still good at the time of harvest, with a little anthracnose noticeable in the upper portion of the plant. Ears were filled out all the way to the tip, and were nice and girthy. There was still a good amount of green left in the full-season hybrids. Overall a very nice uniform location that showed its true potential.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6017V RIB ↗	VT2P	110	339.1	21.6	7	35.7	1544	1
Wyffels	W5778RIB ↗	STX	109	333.6	21.1	2	35.7	1523	2
Wyffels	W7048 ↗	STX	111	331.5	21.6	5	35.7	1509	3
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	329.6	20.8	5	33.9	1509	4
Jung	61SS613 ↗	STX	111	328.2	21.7	6	34.8	1493	5
NuTech	70F6Q ↗	QR	110	326.9	21.8	6	36.6	1486	7
Integra	6061 STXRIB ↗	STX	110	326.8	22.5	1	36.6	1479	8
Integra	CXINT108VT ↗	VT2P	108	325.4	20.4	15	34.8	1493	6
Cornelius	C6936SS ↗	STX	109	320.9	20.6	1	34.8	1471	10
Dyna-Gro	D48SS50RIB ↗	STX	108	320.6	19.9	3	34.8	1476	9
Wyffels	W5406 ↗	VT2P	108	320.2	20.3	6	37.5	1470	11
Wyffels	W6886 ↗	VT2P	111	318.9	22.7	2	34.8	1441	15
Dairyland	DS-4833AM ↗	AM	108	318.6	20.1	13	36.6	1464	12
Epley	E2109PWE ↗	PCE	111	318.5	21.6	1	36.6	1450	14
FS InVision	FS 5935X RIB ↗	STX	109	317.8	23.1	1	32.2	1433	17
Jung	59SP554 ↗	STXP	109	317.3	20.1	8	33.1	1459	13
Dairyland	DS-4878AM ↗	AM	108	316.8	21.8	5	32.1	1440	16
FS InVision	FS 6025X RIB ↗	STX	110	315.1	22.4	5	35.7	1427	19
Burrus	POWER PLUS 5F17 Q ↗	QR	110	314.4	22.3	10	34.8	1424	20
Renk	RK811PWE ↗	PCE	111	314.0	21.6	2	35.7	1430	18
Stone	1103SS ↗	STX	111	313.3	23.2	1	34.8	1411	25
Golden Harvest	G10B61-AA ↗	AA	110	310.5	21.3	2	33.1	1416	22
DeKalb	DKC59-82RIB GC ↗	VT2P	109	310.1	21.3	5	35.7	1414	23
Renk	RK773TRE ↗	TRE	109	309.1	21.5	3	35.7	1408	26
Dairyland	DS-5095AM ↗	AM	110	308.7	20.8	1	34.8	1413	24
NuTech	68C1Q ↗	QR	108	307.8	19.5	2	34.8	1420	21
Wyffels	W6215 ↗	TRE	109	307.7	21.4	5	36.6	1403	27
Pioneer	P0924Q GC ↗	QR	109	306.8	21.0	9	33.9	1402	29
Cornelius	C7021DP ↗	VT2P	110	305.8	20.4	6	34.8	1403	28
FS InVision	FS 5835V RIB ↗	VT2P	108	305.8	20.5	4	30.4	1402	30
PIONEER	P0720Q CK	QR	107	302.8	19.9	2	34.8	1393	32
				Averages =	309.1	21.2	5	34.7	1410
				LSD (0.10) =	18.2	1.1	8		
				LSD (0.25) =	9.5	0.6	4		
				C.V. =	5.6				
				Historic yield: 230.18 bu/a, 3 yr(s)					



Jason Beyers

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$4.75

Report Date: 10/02/2023

† 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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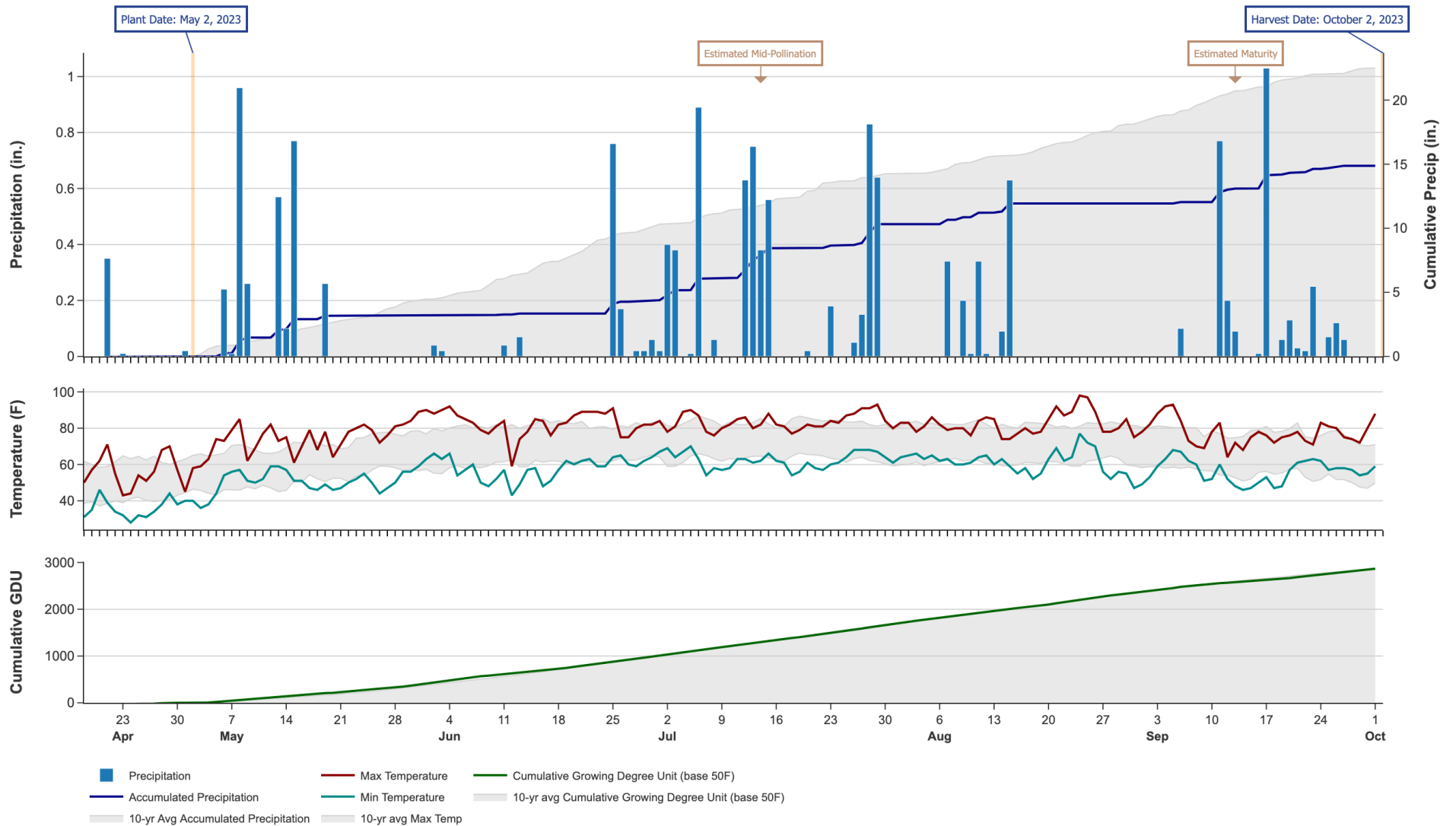
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2023 Corn - North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]

Weather Conditions Summary at THOMSON, IL

Weather Data Retrieved: 10/02/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.4 1.9 (-1.5)	3.2 4.8 (-1.6)	1.2 5.7 (-4.5)	6.0 4.1 (+1.8)	1.6 3.9 (-2.2)	2.9 4.3 (-1.4)	0.0 0.0 (-0.0)	15.3 24.8 (-9.5)
GDU Avg (Diff)	36 62 (-26)	389 362 (+26)	600 627 (-27)	696 716 (-20)	663 669 (-6)	496 487 (+8)	22 10 (+11)	2902 2936 (-34)



* 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.

2023 Corn - North Central Iowa, Tri-State Illinois & Wisconsin [NCTS]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1457-D	D	Y	107	CM,C2
Augusta	A1954 PCE	PCE	N	104	CM,C2
Augusta	A3052-DV	DV	Y*	102	CM,C2
Brevant	B04R11Q	QR	Y	104	Lum, L1
Burrus	POWER PLUS 1U41AM	AM	Y	102	Lum, L1
Burrus	POWER PLUS 2J67 Q	QR	Y	105	BPS
Cornelius	C6472TRE	TRE	N	104	AC,P5V,EDC-EL
Cornelius	C6639DP	VT2P	N	106	AC,P5V
Cornelius	C6645PC	PCE	N	106	AC,P5V
Cornelius	C6724SS	STX	N	107	AVC,C2,CM,C5,Vi,Va
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
Dairyland	DS-4365AM	AM	Y	103	Lum, L1
Dairyland	DS-4510Q	QR	Y	105	Lum, L1
Dairyland	DS-4686AM	AM	Y	106	Lum, L1
DeKalb	DKC107-33RIB	STXP	Y	107	AC,P5V,EDC-EL
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V,EDC-EL
FS InVision	FS 5335P RIB	STXP	Y	103	AC,P5V,EDC-EL
FS InVision	FS 5525VDG RIB	VT2PDG	Y	105	AC,P5V,EDC-EL
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V,EDC-EL
FS InVision	FS 5725X RIB	STX	Y	107	AC,P5V,EDC-EL
Golden Harvest	G01B63-AA	AA	Y	101	CM,C5,Va
Golden Harvest	G03B19-AA	AA	Y	103	CM,C5,Va
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,CM,C5,Vi,Va
Integra	5443 DGV2PRIB	VT2PDG	N	104	AC,P5V,SU+Zn
Integra	5584 PWE	PCE	N	105	AC,P5V
Integra	5704 SSSPRO	STXP	Y	107	AC,P5V
Jung	55DP514	VT2P	Y	105	AC,P5V,EDC-B
Jung	56FP544	VT4P	Y	106	AC,P5V,EDC-B
Jung	57DP553	VT2P	Y	107	AC,P5V,EDC-B
Legacy	LC554-21	VT2PDG	N	105	AC,P2,Va,Zn
Legacy	LC554-23	STX	N	105	AC,P5V
LG Seeds	LG56C25SSP	STXP	N	106	AC,P5V
LG Seeds	LG56C78-3110	3110	N	106	AC,P5V
NK Brand	NK0295-AA	AA	Y	102	CM,C5,Va
NK Brand	NK0367-AA	AA	Y	103	CM,C5,Va
NuTech	63A5AM	AM	Y	103	Lum, L1
NuTech	64B5Q	QR	Y	104	Lum, L1
NuTech	65D3Q	QR	Y	105	Lum, L1
NuTech	66C2Q	QR	Y	106	Lum, L1
NuTech	66D1AM	AM	Y	106	Lum, L1
Pioneer	P0529Q	QR	Y	105	Lum, L1
Pioneer	P0720Q	QR	Y	107	Lum, L1

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK625DGV2P	VT2PDG	N	104	AC,P2
Renk	RK628VT2P	VT2P	N	102	AC,P5V,B300
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK707TRE	TRE	N	105	AC,P5V,B300
Renk	RK720TRE	TRE	N	106	AC,P2
Stone	0304SS	STX	Y	103	AC,P5V,EDC-B
Stone	0603SP	STXP	Y	106	AC,P5V,EDC-B
Wyffels	W3309	STXP	N	103	AC,P5
Wyffels	W3579RIB	STXP	Y*	105	CM,C2,Vi,Va
Wyffels	W4025RIB	TRE	Y*	105	CM,C2,Vi,Va
Wyffels	W5019	STXP	N	107	AC,P5
Wyffels	W5086RIB	VT2P	Y	107	CM,C2,Vi

* 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.

2023 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	A1958-DV	DV	N	108	CM,C2
Burrus	POWER PLUS 5F17 Q	QR	Y	110	BPS
Burrus	POWER PLUS 5L44AM	AM	Y	110	BPS
Cornelius	C6936SS	STX	N	109	AVC,C2,CM,C5,Vi,Va
Cornelius	C7021DP	VT2P	N	110	CM,C2,Vi,Va
Dairyland	DS-4833AM	AM	Y	108	Lum, L1
Dairyland	DS-4878AM	AM	Y	108	Lum, L1
Dairyland	DS-5095AM	AM	Y	110	Lum, L1
Dairyland	DS-5177AM	AM	Y	111	Lum, L1
DeKalb	DKC59-82RIB	VT2P	Y	109	AC,P5V,EDC-EL
Dyna-Gro	D48SS50RIB	STX	Y	108	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
Epley	E2109PWE	PCE	N	111	Vi5
FS InVision	FS 5835V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5935X RIB	STX	Y	109	AC,P5V,EDC-EL
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-D	D	Y	111	AVC,C1,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	CXINT108VT	VT2P	Y	108	AC,P5V,SU+Zn,PT
Jung	58DD563	VT2PDG	Y	108	AC,P5V,EDC-B
Jung	59SP554	STXP	Y	109	AC,P5V,EDC-B
Jung	61SS613	STX	Y	111	AC,P5V,EDC-B
NK Brand	NK0835-AA	AA	Y	108	CM,C5,Va
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	68C1Q	QR	Y	108	Lum, L1
NuTech	70A8AM	AM	Y	110	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	70F6Q	QR	Y	110	Lum, L1
Pioneer	P0720Q	QR	Y	107	Lum, L1
Pioneer	P0924Q	QR	Y	109	Lum, L1
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Stone	0904SP	STXP	Y	109	AC,P5V,EDC-B
Stone	1103SS	STX	Y	111	AC,P5V,EDC-B
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W5778RIB	STX	Y	109	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	N	111	AC,P5

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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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
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
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
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,P2,Va,Zn	Acceleron® 250, Vayantis® + Zn
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	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+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Vi5	Vibrance® Cinco

* Seed treatments may include unspecified plant health promoting components.