

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

2023 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] MOORLAND, IA
Jeff Loehr, Webster County, IA 50566

Early-Season Test	101 - 106 Day CRM B2023IANW06a
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Authority Edge, Mauler, Clethodim 2ec
SOIL DESCRIPTION:	Clarion-Nicollett-Webster clay loam, moderately drained, non- irrigated
SOIL CONDITION:	Minimum W/ Fall Till, very high P, medium K, 5.7 pH, 4.4% OM, 24.9 CEC
PEST MANAGEMENT:	Anthem Maxx, Atrazine, Impact, Lucento
FERTILITY - Applied N:	202 Fall
Applied N-P-K (units):	202-152-134
SEEDED - RATE - ROW:	May 1 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 3 34.7 /A

TEST COMMENTS:

Spring weather was favorable for this corn crop, which developed nicely as regular showers provided just enough moisture from planting through mid-August to prevent stress. Nearly 2" of rain fell within days before pollination and ear formation was noticeably good at harvest with very little tipback. Even though Webster County progressed during the season from a moderate to severe drought, the dry weather kept disease pressure low and allowed corn to reach good yield potential. Corn dried down quickly in the last couple of weeks leading to harvest, but the stalks were strong and holding up well. Very little lodging was observed.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D45SP33RIB ↗	STXP	105	261.7	15.4	1	33.8	1200	1
Integra	5584 PWE ↗	PCE	105	255.7	14.7	1	35.8	1176	2
FS InVision	FS 5335P RIB ↗	STXP	103	253.4	15.0	1	33.9	1165	3
Pioneer	P0339Q GC ↗	QR	103	253.1	15.5	1	35.2	1160	6
Prairie Hybrids	4470 ↗	CONV	106	252.9	14.5	4	36.5	1163	4
Hoegemeyer	7329AM ↗	AM	103	252.7	14.7	1	35.8	1162	5
Wyffels	W3309 ↗	STXP	103	252.4	15.6	3	34.8	1155	7
Kruger	K0551DP ↗	VT2P	105	251.0	14.4	1	34.8	1155	8
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	250.9	15.6	1	35.2	1148	11
Titan Pro	32-06 SSP ↗	STXP	106	250.7	15.7	1	35.8	1147	12
DeKalb	DKC101-33RIB GC ↗	STXP	101	250.1	14.3	1	32.6	1150	9
Dyna-Gro	D41TC74RIB ↗	TRE	101	250.0	14.5	1	35.2	1150	10
Hefty	H5674 ↗	STXP	106	249.1	15.6	1	33.2	1140	15
Prairie Hybrids	3051ORG ↗	CONV	105	248.8	14.7	1	34.5	1144	13
Renk	RK707TRE ↗	TRE	105	248.8	14.7	1	35.8	1144	14
Hoegemeyer	7549Q ↗	QR	105	247.7	15.6	1	34.5	1133	18
LG Seeds	LG51C62VT2RIB ↗	VT2P	101	247.3	15.1	1	36.5	1136	16
Wyffels	W3576RIB ↗	VT2P	103	247.3	15.2	1	34.5	1136	17
Dyna-Gro	D44DC73RIB ↗	VT2PDG	104	246.1	14.1	1	35.2	1132	19
Miller Hybrids	RX03-47 ↗	CONV	103	245.7	14.9	1	35.8	1130	20
Viking	72-06 ↗	CONV	106	243.0	14.9	1	35.8	1118	21
Kruger	K0377SS ↗	STX	103	241.5	15.8	1	35.8	1103	22
Augusta	A1956-PWE ↗	PCE	106	241.1	16.5	2	35.2	1095	28
DeKalb	DKC105-33RIB GC ↗	STXP	105	239.3	14.9	1	33.9	1101	23
Wyffels	W2595 ↗	TRE	101	239.0	14.3	1	33.9	1099	24
Miller Hybrids	M06-62 ↗	CONV	106	238.9	15.2	2	35.2	1097	25
Hefty	H5432 ↗	VT2P	104	238.5	14.9	1	35.2	1097	26
Titan Pro	34-04 DG2P ↗	VT2PDG	104	238.3	13.4	1	34.5	1096	27
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	237.6	14.5	1	34.5	1093	29
Wyffels	W2629 ↗	STXP	101	237.4	14.3	1	33.9	1092	30
PIONEER	P0622Q CK	QR	106	234.2	16.2	1	33.2	1066	40
				Averages =	237.9	15.1	1	34.7	1090
				LSD (0.10) =	9.9	0.5	ns		
				LSD (0.25) =	5.2	0.3	ns		
				C.V. =	4.0				
Corey Rozenboom				Historic yield: 206.19 bu/a, 11 yr(s)					
corey.rozenboom@firstseedtests.com, (319) 830-8886									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/04/2023

† 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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Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

2023 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] MOORLAND, IA
Jeff Loehr, Webster County, IA 50566

Full-Season Test 107 - 111 Day CRM
B2023IANW06b

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

PREV. CROP/HERB: Soybeans / Authority Edge,
Mauler, Clethodim 2ec

SOIL DESCRIPTION: Clarion-Nicollett-Webster clay
loam, moderately drained, non-
irrigated

SOIL CONDITION: Minimum W/ Fall Till, very high
P, medium K, 5.7 pH, 4.4% OM,
24.9 CEC

PEST MANAGEMENT: Anthem Maxx, Atrazine, Impact,
Lucento

FERTILITY - Applied N: 202 Fall

Applied N-P-K (units): 202-152-134

SEEDED - RATE - ROW: May 1 35.7 /A 30" spacing

HARVESTED - STAND: Oct 3 34.6 /A

TEST COMMENTS:

Spring weather was favorable for this corn crop, which developed nicely as regular showers provided just enough moisture from planting through mid-August to prevent stress. Nearly 2" of rain fell within days before pollination and ear formation was noticeably good at harvest with very little tipback. Even though Webster County progressed during the season from a moderate to severe drought, the dry weather kept disease pressure low and allowed corn to reach good yield potential. Corn dried down quickly in the last couple of weeks leading to harvest, but the stalks were strong and holding up well. Very little lodging was observed.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DeKalb	DKC107-33RIB GC ↗	STXP	107	274.8	17.0	1	34.5	1242	1
DeKalb	DKC110-10RIB GC ↗	STX	110	264.9	17.8	1	35.8	1189	4
Kruger	K0915DD ↗	VT2PDG	109	264.1	17.4	1	34.5	1190	3
Integra	5802 VT2PRIB ↗	VT2P	108	263.3	16.8	1	32.6	1193	2
Dyna-Gro	D49VC53RIB ↗	VT2P	109	263.2	18.0	1	35.8	1179	5
Miller Hybrids	M09-63 ↗	CONV	109	260.5	17.9	1	33.9	1168	8
DeKalb	DKC59-82RIB GC ↗	VT2P	109	257.8	16.6	2	33.9	1169	6
LG Seeds	LG58C48VT2PRIB ↗	VT2P	108	256.9	16.2	1	36.5	1169	7
FS InVision	FS 5935X RIB ↗	STX	109	254.5	18.3	2	33.9	1137	12
Hefty	H5862 ↗	VT2P	108	254.0	18.6	1	33.2	1132	15
Wyffels	W5019 ↗	STXP	107	253.6	16.4	1	34.5	1153	9
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	252.7	17.4	1	34.5	1138	10
Titan Pro	31-10 PCE ↗	PCE	110	251.8	17.2	2	35.8	1136	13
Kruger	K0783DP ↗	VT2P	107	251.6	16.9	1	34.5	1138	11
Renk	RK811PWE ↗	PCE	111	251.1	16.9	1	35.8	1136	14
Miller Hybrids	M10-74 ↗	CONV	110	250.6	18.8	1	32.8	1115	23
Titan Pro	39-08 PCE ↗	PCE	108	250.5	17.3	3	33.9	1129	16
Integra	6061 STXRIB ↗	STX	110	250.1	18.4	1	34.5	1117	22
Kruger	K1139SS ↗	STX	111	249.0	17.8	1	34.5	1118	21
DeKalb	DKC108-64RIB GC ↗	STXP	108	248.5	16.5	1	35.8	1129	17
Hoegemeyer	8110AM ↗	AM	111	248.5	17.4	1	35.2	1119	19
Kruger	K0957SP ↗	STXP	109	248.0	16.5	1	35.2	1126	18
Golden Harvest	G11V76-AA ↗	AA	111	247.9	18.0	1	34.5	1111	26
Golden Harvest	G10B61-AA ↗	AA	110	247.2	18.0	1	34.5	1108	29
Wyffels	W6215 ↗	TRE	109	245.9	16.7	1	36.5	1115	24
Prairie Hybrids	5851 ↗	CONV	109	245.5	17.2	2	33.9	1108	30
Renk	RK773TRE ↗	TRE	109	245.1	15.9	1	35.8	1119	20
Integra	5704 SSSPRO ↗	STXP	107	245.0	16.7	1	35.2	1111	27
DenBesten	DB33-08 ↗	CONV	108	244.9	16.5	1	33.9	1112	25
FS InVision	FS 6017V RIB ↗	VT2P	110	244.0	16.4	1	33.9	1109	28
PIONEER	P0622Q CK	QR	106	234.3	16.3	1	33.9	1066	49

Corey Rozenboom

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **247.2** **17.4** **1** **34.6** **1114**

LSD (0.10) = 10.5 0.6 ns

LSD (0.25) = 5.5 0.3 ns

C.V. = 4.0

Historic yield: 206.19 bu/a, 11 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.60

Report Date: 10/04/2023

† 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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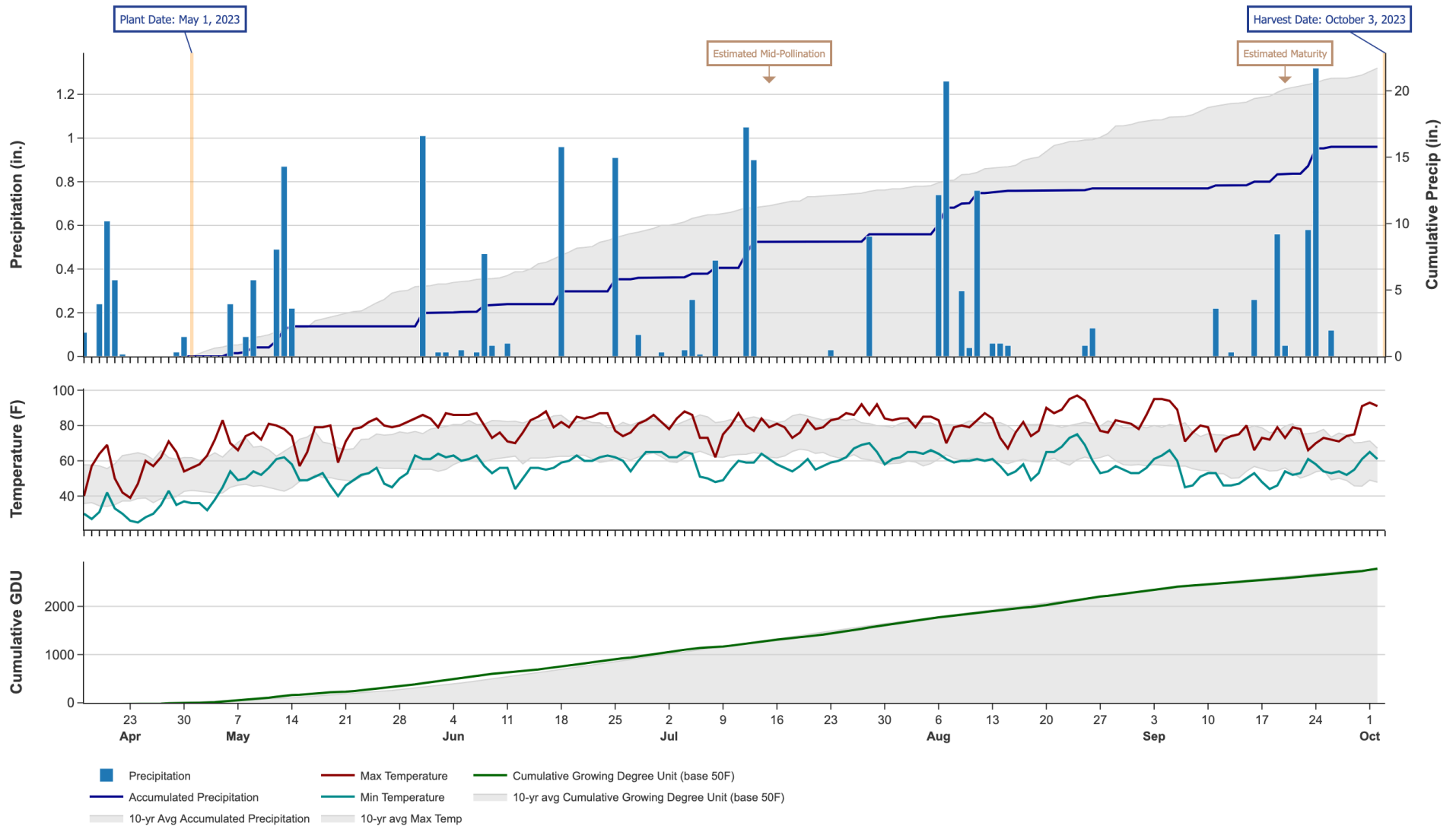
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2023 Corn - Iowa Northwest [IANW]

Weather Conditions Summary at MOORLAND, IA

Weather Data Retrieved: 10/04/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.4 1.4 (0.0)	3.3 5.7 (-2.4)	2.6 4.3 (-1.7)	3.3 3.0 (+0.3)	3.5 4.8 (-1.4)	3.1 3.7 (-0.6)	0.0 0.5 (-0.5)	17.2 23.5 (-6.3)
GDU Avg (Diff)	28 52 (-24)	405 326 (+78)	604 635 (-31)	622 704 (-82)	645 631 (+13)	456 458 (-2)	49 19 (+29)	2809 2828 (-19)



* 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 - Iowa Northwest [IANW]

Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1954 PCE	PCE	N	104	CM,C2
Augusta	A1956-PWE	PCE	N	106	AC,P5V
Augusta	A2154	CONV	N	104	CM,C2
Blue River	49M23	CONV	U	103	Treated
Cornelius	C6384TRE	TRE	N	103	AC,P5V,EDC-EL
Cornelius	C6472TRE	TRE	N	104	AC,P5V,EDC-B
DeKalb	DKC101-33RIB	STXP	Y	101	AC,P5V,EDC-EL
DeKalb	DKC105-33RIB	STXP	Y	105	AC,P5V,EDC-EL
DeKalb	DKC52-18RIB	STX	Y	102	AC,P5V,EDC-EL
DeKalb	DKC52-99RIB	TRE	Y	102	AC,P5V,EDC-EL
DeKalb	DKC56-65RIB	STX	Y	106	AC,P5V,EDC-EL
DenBesten	DB32-02	CONV	N	102	CM,C2,Vi
DenBesten	DB33-05	CONV	N	105	CM,C2,Vi
DenBesten	DB34-06	CONV	N	106	CM,C2,Vi
Dyna-Gro	D41TC74RIB	TRE	Y*	101	AC,P5V
Dyna-Gro	D44DC73RIB	VT2PDG	Y	104	AC,P5V
Dyna-Gro	D45SP33RIB	STXP	Y	105	AC,P5V
FS InVision	FS 5125L1A EZR	AA	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
Golden Harvest	G03B19-AA	AA	Y	103	CM,C5,Va
Golden Harvest	G06A27-D	D	Y	106	AVC,C1,Va
Hefty	H5432	VT2P	N	104	HC
Hefty	H5442	VT2P	N	104	HC
Hefty	H5655	TRE	N	106	HC
Hefty	H5674	STXP	Y	106	HC
Hoegemeyer	7329AM	AM	Y	103	Lum, L1
Hoegemeyer	7478AM	AM	Y	104	Lum, L1
Hoegemeyer	7549Q	QR	Y	105	Lum, L1
Integra	5443 DGVT2PRIB	VT2PDG	N	104	AC,P5V,SU+Zn
Integra	5584 PWE	PCE	N	105	AC,P5V
Kruger	K0151SP	STXP	Y	101	AC,P5V
Kruger	K0377SS	STX	Y	103	AC,P5V
Kruger	K0475SP	STXP	Y	104	AC,P5V
Kruger	K0551DP	VT2P	Y	105	AC,P5V
LG Seeds	LG51C62VT2RIB	VT2P	Y	101	Treated
LG Seeds	LG52C42VT2RIB	VT2P	Y	102	Treated
Miller Hybrids	M06-62	CONV	N	106	MSC
Miller Hybrids	RX03-47	CONV	N	103	MSC
Pioneer	P0339Q	QR	Y	103	Lum, L1
Pioneer	P0622Q	QR	Y	106	Lum, L1

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Prairie Hybrids	3051ORG	CONV	N	105	CM,C2,Vi,Va
Prairie Hybrids	4470	CONV	N	106	MQ
Renk	RK625DGVT2P	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
Titan Pro	32-06 SSP	STXP	Y	106	AC,P5V
Titan Pro	34-04 DG2P	VT2PDG	Y	104	AC,P2
Titan Pro	36-06	CONV	N	106	CM,C2,Vi,Va
Viking	46-02	CONV	N	102	CM,C2,Sb
Viking	72-06	CONV	N	106	CM,C2,Sb
Viking	84-05	CONV	N	105	CM,C2,Sb
Wyffels	W2595	TRE	N	101	AC,P5
Wyffels	W2629	STXP	N	101	AC,P5
Wyffels	W3309	STXP	N	103	AC,P5
Wyffels	W3576RIB	VT2P	Y*	103	CM,C2,Vi,Va
Wyffels	W4025RIB	TRE	Y*	105	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.

2023 Corn - Iowa Northwest [IANW]

Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Cornelius	C7021DP	VT2P	N	110	CM,C2,Vi,Va
Cornelius	C7048SSP	STXP	N	110	AC,P5V,EDC-EL
DeKalb	DKC107-33RIB	STXP	Y	107	AC,P5V,EDC-EL
DeKalb	DKC108-64RIB	STXP	Y	108	AC,P5V,EDC-EL
DeKalb	DKC110-10RIB	STX	Y	110	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB	VT2P	Y	109	AC,P5V,EDC-EL
DenBesten	DB32-07	CONV	N	107	CM,C2,Vi
DenBesten	DB33-08	CONV	N	108	CM,C2,Vi
Dyna-Gro	D49VC53RIB	VT2P	Y*	109	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
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
FS InVision	FS 6137PC	PCE	N	111	CM,C2,Vi,Va
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Hefty	H5862	VT2P	N	108	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hefty	H6064	STX	N	110	HC
Hoegemeyer	7858AM	AM	Y	108	Lum, L1
Hoegemeyer	8110AM	AM	Y	111	Lum, L1
Hoegemeyer	8125AM	AM	Y	111	Lum, L1
Integra	5704 SSSPRO	STXP	Y	107	AC,P5V
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Kruger	K0783DP	VT2P	Y	107	AC,P5V
Kruger	K0915DD	VT2PDG	Y	109	AC,P5V
Kruger	K0957SP	STXP	Y	109	AC,P5V
Kruger	K1139SS	STX	Y	111	AC,P5V
Kruger	K1191DT	TRE	Y	111	AC,P5V
LG Seeds	LG58C48VT2PRIB	VT2P	Y	108	AC, PV
LG Seeds	LG58C73-3110	3110	N	108	Treated
Miller Hybrids	M08-49PC	PC	N	108	MSC
Miller Hybrids	M09-63	CONV	N	109	MSC
Miller Hybrids	M10-74	CONV	N	110	Lum, L1
Pioneer	P0622Q	QR	Y	106	Lum, L1
Pioneer	P0953AM	AM	Y	109	Lum, L1
Pioneer	P1164AM	AM	Y	111	Lum, L1
Pioneer	P1185AM	AM	Y	111	Lum, L1
Prairie Hybrids	5851	CONV	N	109	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Prairie Hybrids	5883	CONV	N	109	MQ
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Titan Pro	30-10	CONV	N	110	CM,C2,Vi,Va
Titan Pro	31-10 PCE	PCE	N	110	CM,C2,Vi,Va
Titan Pro	39-08 PCE	PCE	N	108	CM,C2,Vi,Va
Viking	85-09	CONV	U	109	CM,C2,Sb
Wyffels	W5019	STXP	N	107	AC,P5
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5

* 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

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®
CONV	Conventional
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
PC	PowerCore®
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®

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,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, PV	Acceleron Unspecified, Poncho, Votivo
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Sb	CruiserMaxx® 250, SabrEx Innoculant
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
HC	Hefty Complete
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
MQ	Maxim Quattro
MSC	Miller Hybrids ShieldCoat™ with Vertex
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.