

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

2023 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] GALVA, IA
Tom Andresen, Ida County, IA 51025

Early-Season Test	101 - 106 Day CRM B2023IANW04a
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Prowl H20, Authority Mtz Df
SOIL DESCRIPTION:	Galva silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.9 pH, 4.5% OM, 23.4 CEC
PEST MANAGEMENT:	Surpass Nxt, Impact
FERTILITY - Applied N:	150 Spring, 1 ton/acre of sulfur 11-0-0-24, 1 qt/acre of Zinc
Applied N-P-K (units):	150-60-60
SEEDED - RATE - ROW:	May 9 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 19 34.2 /A

TEST COMMENTS:

Tom's farm started off cool and dry. By July, the D2 severe drought had developed and remained over most of Ida county for the rest of the growing season. An intense storm on Aug 6-7 brought 4.6" in just a few hours. A lot of the water filled cracks, but not all of that moisture was able to soak in to relieve parched sub-soils. Accordingly, a fair amount of variability was observed within the trial area where differences in water holding capacity of the sub-soils showed up in this dry season. Yield inconsistencies appeared across replications of the full-season trial particularly. Dry weather affected ear size and some tip back was observed. Plant height ranged from short to tall but stalks stood well and ear shanks were strong. The full-season test was rejected due to yield variability from drought stress.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K0377SS ↗	STX	103	219.3	18.6	1	34.8	978	1
Titan Pro	32-06 SSP ↗	STXP	106	217.2	19.2	1	35.2	962	3
Hoegemeyer	7329AM ↗	AM	103	216.5	18.2	1	34.5	968	2
Kruger	K0551DP ↗	VT2P	105	214.9	18.3	1	35.2	960	4
Dyna-Gro	D44DC73RIB ↗	VT2PDG	104	212.9	17.6	1	35.2	957	5
FS InVision	FS 5335P RIB ↗	STXP	103	212.7	17.8	1	35.2	955	6
FS InVision	FS 5525VDG RIB ↗	VT2PDG	105	211.6	17.9	1	32.6	949	7
Pioneer	P0339Q GC ↗	QR	103	211.4	18.1	1	36.5	946	8
Cornelius	C6472TRE ↗	TRE	104	209.8	18.1	1	33.9	939	9
Integra	5443 DGVT2PRIB ↗	VT2PDG	104	208.6	17.5	1	31.9	939	10
Titan Pro	34-04 DG2P ↗	VT2PDG	104	208.5	17.6	1	34.5	937	11
Wyffels	W3309 ↗	STXP	103	207.8	17.8	1	35.2	932	13
Renk	RK625DGVT2P ↗	VT2PDG	104	207.7	17.4	1	32.6	936	12
Augusta	A1954 PCE ↗	PCE	104	207.6	18.2	1	33.9	928	14
Viking Blue River	46-02 ↗	CONV	102	206.8	18.2	1	34.5	925	15
DeKalb	DKC105-33RIB GC ↗	STXP	105	206.3	18.1	1	33.9	924	16
Golden Harvest	G03B19-AA ↗	AA	103	205.8	17.9	1	35.2	923	17
Titan Pro	36-06 ↗	CONV	106	205.6	18.3	1	34.5	919	18
Renk	RK703PWE ↗	PCE	106	205.1	18.0	1	35.8	919	19
Augusta	A1956-PWE ↗	PCE	106	204.0	18.7	1	35.2	908	23
Miller Hybrids	RX03-47 ↗	CONV	103	203.3	18.1	1	33.8	910	21
Renk	RK707TRE ↗	TRE	105	202.7	17.7	1	35.2	911	20
Cornelius	C6384TRE ↗	TRE	103	202.0	17.5	1	34.5	909	22
Dyna-Gro	D45SP33RIB ↗	STXP	105	201.2	17.8	1	34.5	903	24
Renk	RK720TRE ↗	TRE	106	200.7	18.4	1	35.2	896	25
Hefty	H5432 ↗	VT2P	104	199.7	17.9	1	33.2	896	26
FS InVision	FS 5125L1A EZR ↗	AA	101	198.7	17.5	1	31.9	894	27
Wyffels	W4025RIB ↗	TRE	105	198.7	17.6	1	33.9	893	28
Hefty	H5442 ↗	VT2P	104	198.6	17.6	1	35.8	893	29
Wyffels	W2595 ↗	TRE	101	198.1	17.6	1	34.5	890	30
PIONEER	P0622Q CK	QR	106	188.1	18.5	1	33.9	839	46
				Averages =	197.0	18.1	1	34.2	881
				LSD (0.10) =	15.8	0.3	ns		
				LSD (0.25) =	8.3	0.2	ns		
				C.V. =	7.6				
Corey Rozenboom				Historic yield: 193.82 bu/a, 6 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: 10/21/2023

† 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

Additional reports available at www.firstseedtests.com

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

2023 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] GALVA, IA
Tom Andresen, Ida County, IA 51025

Full-Season Test	107 - 111 Day CRM B2023IANW04b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Prowl H20, Authority Mtz Df
SOIL DESCRIPTION:	Galva silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.9 pH, 4.5% OM, 23.4 CEC
PEST MANAGEMENT:	Surpass Nxt, Impact
FERTILITY - Applied N:	150 Spring, 1 ton/acre of sulfur 11-0-0-24, 1 qt/acre of Zinc
Applied N-P-K (units):	150-60-60
SEEDED - RATE - ROW:	May 9 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 19 33.6 /A

TEST COMMENTS:

Tom's farm started off cool and dry. By July, the D2 severe drought had developed and remained over most of Ida county for the rest of the growing season. An intense storm on Aug 6-7 brought 4.6" in just a few hours. A lot of the water filled cracks, but not all of that moisture was able to soak in to relieve parched sub-soils. Accordingly, a fair amount of variability was observed within the trial area where differences in water holding capacity of the sub-soils showed up in this dry season. Yield inconsistencies appeared across replications of the full-season trial particularly. Dry weather affected ear size and some tip back was observed. Plant height ranged from short to tall but stalks stood well and ear shanks were strong. The full-season test was rejected due to yield variability from drought stress.

Company/Brand	Product/Brand	Yield †	Moisture %	Shrink %	Drying \$/bu	Prices: GMO = \$4.60	Gross Income \$/acre	Rank
Hyly	H882 +	188.2	19.7	1	33.6	834	1	
Krupp	K1000T +	188.8	19.8	1	33.6	834	2	
Dekalb	DKC107-098B-02 +	187.7	19.9	1	33.6	834	3	
Hyly	H881-0788B +	187.3	19.9	1	33.6	834	4	
Hyly	H888 +	186.8	20.1	1	33.6	834	5	
FB Invision	FB 812040-08 +	186.5	20.4	1	33.6	834	7	
Dura-Gro	DKC108B +	186.3	19.9	1	33.6	834	8	
FB Invision	FB 8020A-08 +	186.4	21.0	1	33.6	834	9	
FB Invision	FB 8017V-08 +	185.7	20.2	1	33.6	834	9	
Cornelia	CR080P +	185.2	19.9	1	33.6	834	10	
Hyly	H882 +	185.1	20.0	1	33.6	834	12	
LS Seeds	LS0804V-08 +	185.1	19.1	1	33.2	831	11	
Golden Harvest	G10801-AA +	185.1	19.9	1	33.6	834	13	
Harmony	H1080 +	185.1	19.9	1	33.6	834	14	
Hyly	H788-0800 +	185.0	19.8	1	33.6	834	15	
Hyly	H870 +	184.7	19.1	1	34.5	871	16	
Dekalb	DKC110-108P +	184.7	19.3	1	33.6	834	17	
Dekalb	DKC108-078P +	184.3	19.1	1	33.6	834	18	
Prime Hybrid	PH108 +	184.0	19.4	1	33.6	834	19	
Tri-P	T108 +	184.0	19.8	1	33.6	834	21	
Hyly	H881 +	184.0	21.2	1	33.6	834	26	
Hyly	H881-0788B +	184.0	19.9	1	33.6	834	26	
Dura-Gro	DKC108B +	183.5	20.3	1	34.5	849	24	
Hyly	H870 +	183.0	19.1	1	33.6	834	22	
Prose	PR080B-02 +	182.4	19.2	1	33.2	833	23	
Cornelia	CR0800P +	182.3	19.8	1	34.5	849	25	
FB Invision	FB 8020A-08 +	182.0	20.1	1	33.6	834	29	
Prime Hybrid	PH108 +	181.4	19.7	1	33.6	834	28	
Krupp	K1000 +	181.1	19.7	1	33.2	842	27	
Krupp	K1000T +	180.8	19.7	1	33.2	832	30	

REJECTED

Corey Rozenboom

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

Averages =	188.8	19.7	1	33.6	834
LSD (0.10) =	ns	0.7	ns		
LSD (0.25) =	ns	0.4	ns		
C.V. =	12.1			Historic yield: 193.82 bu/a, 6 yr(s)	

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

Report Date: 10/21/2023

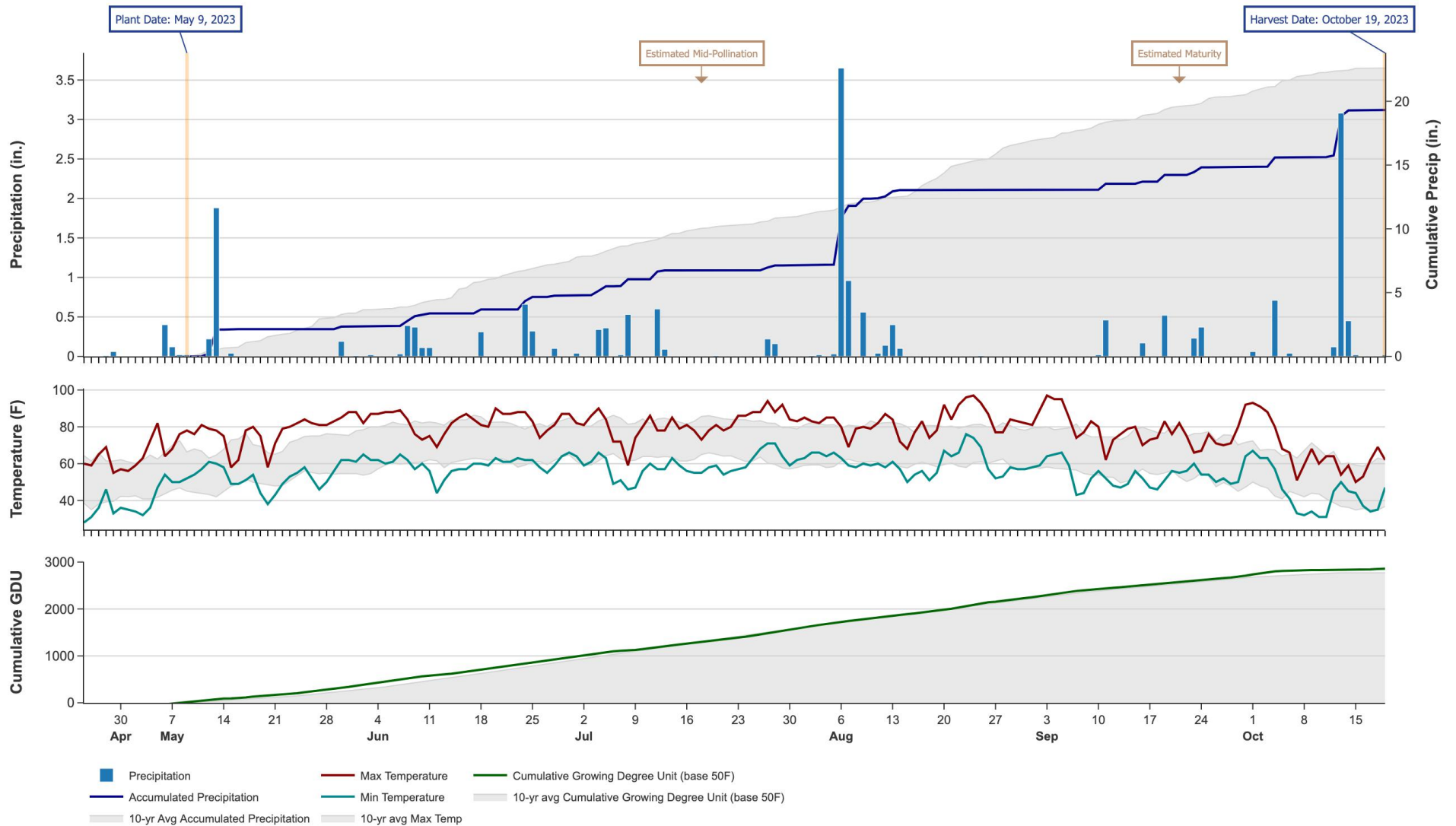
Additional reports available at www.firstseedtests.com

† 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

2023 Corn - Iowa Northwest [IANW]

Weather Conditions Summary at GALVA, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.1 0.6 (-0.5)	2.9 4.8 (-1.9)	2.4 4.0 (-1.6)	2.4 3.5 (-1.1)	5.9 5.8 (+0.1)	1.8 3.7 (-2.0)	4.5 2.1 (+2.4)	19.9 24.6 (-4.7)
GDU Avg (Diff)	17 32 (-15)	412 319 (+92)	631 633 (-2)	616 699 (-83)	645 625 (+19)	478 458 (+19)	149 102 (+46)	2948 2871 (+76)



* 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 GC	STXP	Y	101	AC,P5V,EDC-EL
DeKalb	DKC105-33RIB GC	STXP	Y	105	AC,P5V,EDC-EL
DeKalb	DKC52-18RIB GC	STX	Y	102	AC,P5V,EDC-EL
DeKalb	DKC52-99RIB GC	TRE	Y	102	AC,P5V,EDC-EL
DeKalb	DKC56-65RIB GC	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 GC	QR	Y	103	Lum, L1
Pioneer	P0622Q CK	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	RK625DGV2T2P	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 Blue River	46-02	CONV	N	102	CM,C2,Sb
Viking Blue River	72-06	CONV	N	106	CM,C2,Sb
Viking Blue River	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 GC	STXP	Y	107	AC,P5V,EDC-EL
DeKalb	DKC108-64RIB GC	STXP	Y	108	AC,P5V,EDC-EL
DeKalb	DKC110-10RIB GC	STX	Y	110	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB GC	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 CK	QR	Y	106	Lum, L1
Pioneer	P0953AM GC	AM	Y	109	Lum, L1
Pioneer	P1164AM GC	AM	Y	111	Lum, L1
Pioneer	P1185AM GC	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 Blue River	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.