

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2023 Corn Grain Top 30 Harvest Report

Iowa South [IASO] BLOOMFIELD, IA

David & Ray Boas, Davis County, IA 52537

Early-Season Test	106 - 111 Day CRM B2023IASO36a
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Engenia
SOIL DESCRIPTION:	Edina,Seymour silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, low K, 7.2 pH, 3.5% OM, 15.9 CEC
PEST MANAGEMENT:	Full Time, Calisto
FERTILITY - Applied N:	148 Fall, 10 Spring
Applied N-P-K (units):	158-24-24
SEEDED - RATE - ROW:	Apr 14 32.0 /A 30" spacing
HARVESTED - STAND:	Sep 22 29.7 /A

TEST COMMENTS:

This location was planted early and conditions were very good. Then a cold front moved in and stopped a lot of planting in the area for about 10 days. Emergence took longer than average, but the plot overcame the stress. Then drought conditions set in. Over all the plot did very well, and had short plants with ears set low on plant with some areas of tar spot,. There were large ears, strong cobs. The plot had no lodging issues. Plants still had some green foliage. Ray is pleased with yields he is seeing considering the stress the area went through this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	6012 TRE ↗	TRE	111	244.2	21.8	1	28.0	1074	2
Renk	RK773TRE ↗	TRE	109	243.2	22.0	1	29.0	1068	3
Wyffels	W5406 ↗	VT2P	108	243.1	20.7	1	30.0	1080	1
Integra	CXINT108VT ↗	VT2P	108	237.6	19.8	1	30.0	1064	4
Dyna-Gro	D50VC09RIB ↗	VT2P	110	236.1	21.4	1	30.0	1042	5
Wyffels	W6215 ↗	TRE	109	234.5	23.1	1	30.9	1019	9
Wyffels	W7048 ↗	STX	111	233.3	23.4	1	28.0	1011	10
Integra	5802 VT2PRIB ↗	VT2P	108	232.2	21.8	1	30.9	1021	7
Kruger	K0858DP ↗	VT2P	108	231.9	21.8	1	30.0	1020	8
Titan Pro	31-10 PCE ↗	PCE	110	231.8	23.7	1	30.9	1002	13
FS InVision	FS 5835V RIB ↗	VT2P	108	230.1	23.3	1	29.0	998	14
NuTech	70B4AM ↗	AM	110	229.9	22.6	1	29.0	1004	11
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	227.7	24.3	1	29.0	979	18
Kruger	K1191DT ↗	TRE	111	227.2	23.2	1	30.9	986	16
FS InVision	FS 6137PC ↗	PCE	111	226.6	22.4	1	30.0	991	15
Integra	6061 STXRIB ↗	STX	110	225.8	20.6	1	30.9	1004	12
Augusta	A1259-5222 ↗	DV	109	223.7	22.0	1	30.0	982	17
Augusta	A4961 AA ↗	AA	111	223.7	23.7	1	29.0	967	22
Brevant	B10Y21Q GC ↗	QR	110	221.3	22.3	1	30.0	969	21
Golden Harvest	G11V76-AA ↗	AA	111	220.5	22.5	1	31.9	964	23
FS InVision	FS 6017V RIB ↗	VT2P	110	219.6	21.0	1	27.1	973	19
Renk	RK703PWE ↗	PCE	106	218.3	20.5	1	30.0	971	20
NK Brand	NK1188-D ↗	D	111	216.9	24.5	1	30.0	930	29
Pioneer	P1108Q GC ↗	QR	111	216.7	22.0	1	30.9	952	24
Golden Harvest	G10L16-DV ↗	DV	110	216.6	23.4	1	30.0	939	27
Channel	210-46VT2PRIB GC ↗	VT2P	110	216.5	24.5	1	30.0	929	31
FS InVision	FS 6025X RIB ↗	STX	110	215.6	23.9	1	28.0	930	30
NuTech	71A2AM ↗	AM	111	214.5	22.6	1	30.9	937	28
NuTech	66D1AM ↗	AM	106	214.2	21.7	1	29.0	943	25
Titan Pro	39-08 PCE ↗	PCE	108	210.3	19.8	1	30.0	942	26
DEKALB	DKC111-35RIB CK	VT2P	111	237.1	22.4	1	28.0	1037	6
				Averages =	220.7	22.5	1	29.7	964
				LSD (0.10) =	10.0	1.5	ns		
				LSD (0.25) =	5.2	0.8	ns		
				C.V. =	4.3				
Randy Meinsma				Historic yield: 208.97 bu/a, 5 yr(s)					
randym@firstseedtests.com, (815) 238-8007									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.67

Report Date: 09/23/2023

† 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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2023 Corn Grain Top 30 Harvest Report

Iowa South [IASO] BLOOMFIELD, IA
David & Ray Boas, Davis County, IA 52537

Full-Season Test	112 - 116 Day CRM B2023IASO36b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Engenia
SOIL DESCRIPTION:	Edina,Seymour silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, low K, 7.2 pH, 3.5% OM, 15.9 CEC
PEST MANAGEMENT:	Full Time, Calisto
FERTILITY - Applied N:	148 Fall, 10 Spring
Applied N-P-K (units):	158-24-24
SEEDED - RATE - ROW:	Apr 14 32.0 /A 30" spacing
HARVESTED - STAND:	Sep 22 29.7 /A

TEST COMMENTS:

This location was planted early and conditions were very good. Then a cold front moved in and stopped a lot of planting in the area for about 10 days. Emergence took longer than average, but the plot overcame the stress. Then drought conditions set in. Over all the plot did very well, and had short plants with ears set low on plant with some areas of tar spot,. There were large ears, strong cobs. The plot had no lodging issues. Plants still had some green foliage. Ray is pleased with yields he is seeing considering the stress the area went through this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6306T RIB ↗	TRE	113	240.5	26.9	1	29.0	1009	2
Wyffels	W7945RIB ↗	TRE	114	237.9	24.8	1	29.0	1017	1
Wyffels	W8086 ↗	VT2P	114	236.1	26.2	1	30.9	997	5
LG Seeds	LG64C43VT2 ↗	VT2P	114	235.7	24.9	1	29.0	1007	3
Taylor	6015 TRE ↗	TRE	115	232.6	27.2	1	30.9	972	8
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	231.9	28.3	1	30.0	960	11
Kruger	K1364DT ↗	TRE	113	230.4	27.0	1	30.0	965	9
NuTech	73A4AM ↗	AM	113	230.2	24.4	1	30.0	988	6
Kruger	K1562DT ↗	TRE	115	228.8	27.3	1	29.0	956	12
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	228.2	24.9	1	29.0	975	7
Wyffels	W7876RIB ↗	VT2P	114	228.0	28.0	1	30.0	947	13
Titan Pro	33-12 PCE ↗	PCE	112	226.8	28.0	1	29.0	941	14
NuTech	73A6Q ↗	QR	113	222.8	23.7	1	30.9	963	10
Golden Harvest	G15J91-V ↗	V	115	221.8	29.1	1	29.0	910	21
NK Brand	NK1523-V ↗	V	115	219.2	30.3	1	29.0	889	28
DeKalb	DKC65-95RIB GC ↗	VT2P	115	219.1	25.3	1	30.0	933	17
FS InVision	FS 6625V RIB ↗	VT2P	116	218.6	24.8	1	27.1	935	16
Integra	6588 VT2PRIB ↗	VT2P	115	218.6	31.1	1	30.9	880	30
Renk	RK958VT2P ↗	VT2P	115	217.2	27.4	1	29.0	906	22
Kruger	K1460DT ↗	TRE	114	216.6	27.9	1	30.0	900	23
FS InVision	FS 6595V RIB ↗	VT2P	115	216.2	28.9	1	30.0	889	29
Hoegemeyer	8397Q ↗	QR	113	216.0	24.9	1	29.0	923	19
Dyna-Gro	D56TC44RIB ↗	TRE	116	215.1	25.4	1	30.0	915	20
Hoegemeyer	8576AM ↗	AM	115	214.8	28.1	1	30.0	891	27
Integra	6342 TRERIB ↗	TRE	113	214.8	22.9	1	30.9	936	15
Integra	6493 VT2PRIB ↗	VT2P	114	214.1	27.1	1	28.0	896	26
NuTech	74C4AM ↗	AM	114	213.1	22.3	1	28.0	933	18
Wyffels	W8108 ↗	STX	114	211.0	25.3	1	30.0	898	24
FS InVision	FS 6432P RIB ↗	STXP	114	209.8	24.9	1	30.0	897	25
LG Seeds	LG62C22VT2RIB ↗	VT2P	112	199.4	21.7	1	29.0	878	31
DEKALB	DKC111-35RIB CK	VT2P	111	230.8	23.5	1	30.9	1000	4
				Averages =	216.4	26.5	1	29.7	911
				LSD (0.10) =	10.0	1.4	ns		
				LSD (0.25) =	5.2	0.7	ns		
				C.V. =	4.4				
				Historic yield: 208.97 bu/a, 5 yr(s)					



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.67

Report Date: 09/23/2023

† 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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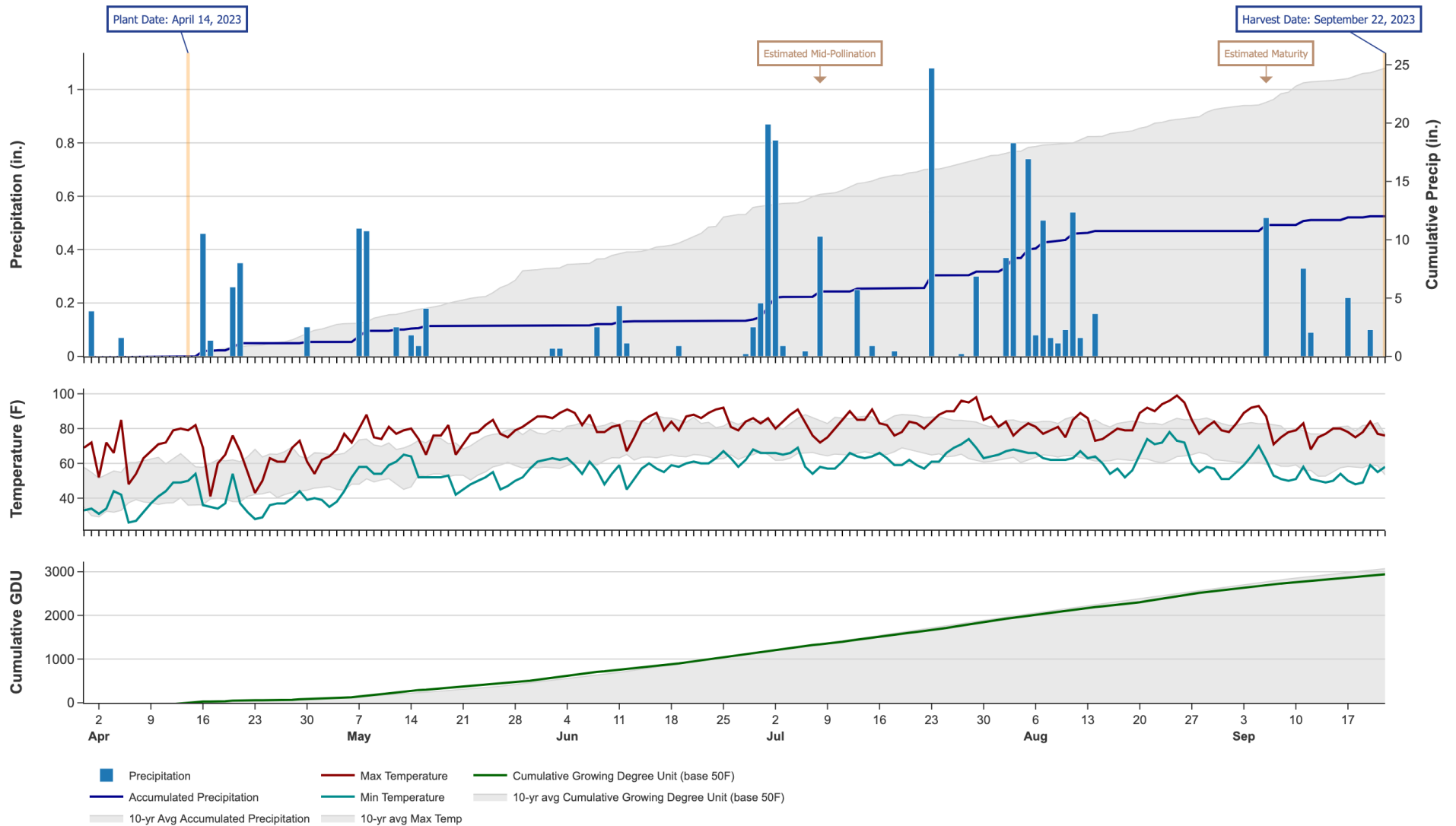
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2023 Corn - Iowa South [IASO]

Weather Conditions Summary at BLOOMFIELD, IA

Weather Data Retrieved: 09/23/2023

Monthly Total	Mar*	Apr	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.0 0.1 (-0.1)	1.5 3.2 (-1.7)	1.4 5.4 (-4.1)	0.8 5.4 (-4.7)	3.9 4.3 (-0.4)	3.5 4.0 (-0.6)	1.3 3.4 (-2.2)	12.2 26.0 (-13.8)
GDU Avg (Diff)	10 0 (+10)	206 95 (+110)	444 388 (+55)	632 681 (-49)	714 767 (-53)	697 727 (-30)	370 422 (-52)	3073 3082 (-9)



* 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 South [IASO]

Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1259-5222	DV	Y*	109	CM,C2
Augusta	A4961 AA	AA	N	111	CM,C2
Brevant	B10Y21Q	QR	Y	110	Lum, L1
Channel	210-46VT2PRIB	VT2P	Y	110	AC,P5V,EDC-B
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
Dyna-Gro	D49VC53RIB	VT2P	Y*	109	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	Y*	110	AC,P5V
FS InVision	FS 5835V RIB	VT2P	Y	108	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	G10L16-DV	DV	Y	110	AVC,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Hoegemeyer	8110AM	AM	Y	111	Lum, L1
Hoegemeyer	8125AM	AM	Y	111	Lum, L1
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
Kruger	K0858DP	VT2P	Y	108	AC,P5V
Kruger	K0915DD	VT2PDG	Y	109	AC,P5V
Kruger	K1191DT	TRE	Y	111	AC,P5V
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1188-D	D	Y	111	AVC,C1,Va
NuTech	66D1AM	AM	Y	106	Lum, L1
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	71A2AM	AM	Y	111	Lum, L1
Pioneer	P1108Q	QR	Y	111	Lum, L1
Pioneer	P1164AM	AM	Y	111	Treated
Renk	RK703PWE	PCE	N	106	Lum,P5V
Renk	RK766SSPRO	STXP	N	109	AC,P5V,B300
Renk	RK773TRE	TRE	N	109	AC,P5V,B300
Renk	RK811PWE	PCE	N	111	Lum,P5V
Taylor	6012 TRE	TRE	N	111	CM,C2
Titan Pro	31-10 PCE	PCE	N	110	CM,C2,Vi,Va
Titan Pro	39-08 PCE	PCE	N	108	CM,C2,Vi,Va
Wyffels	W5406	VT2P	N	108	AC,P5
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7048	STX	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.

2023 Corn - Iowa South [IASO]

Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Brevant	B14H38AM	AM	Y	114	Lum, L1
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P5V,EDC-B
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
DeKalb	DKC65-95RIB	VT2P	Y	115	AC,P5V,EDC-EL
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y*	113	AC,P5V,EDC-EL
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Va
Golden Harvest	G16Q82-AA	AA	Y	116	CM,C5,Va
Hoegemeyer	8397Q	QR	Y	113	Lum, L1
Hoegemeyer	8576AM	AM	Y	115	Lum, L1
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
Integra	6588 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Kruger	K1364DT	TRE	Y	113	AC,P5V
Kruger	K1460DT	TRE	Y	114	AC,P5V
Kruger	K1562DT	TRE	Y	115	AC,P5V
LG Seeds	LG62C22VT2RIB	VT2P	Y	112	AC, PV
LG Seeds	LG64C43VT2	VT2P	N	114	AC, PV
NK Brand	NK1523-V	V	Y	115	CM,C5,Va
NK Brand	NK1661-AA	AA	Y	116	CM,C5,Va
NuTech	72D4AM	AM	Y	112	Lum, L1
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	75C1AM	AM	Y	115	Lum, L1
Renk	RK876VT2P	VT2P	N	113	AC,P5V,B300
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Taylor	6015 TRE	TRE	N	115	CM,C2
Titan Pro	28-14 PCE	PCE	N	114	CM,C2,Vi,Va
Titan Pro	33-12 PCE	PCE	N	112	CM,C2,Vi,Va
Wyffels	W7759	STXP	N	113	AC,P5
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086	VT2P	N	114	AC,P5
Wyffels	W8108	STX	N	114	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

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®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
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,P5V,SU+Zn,PT	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn with PhycoTerra® ST
AC, PV	Acceleron Unspecified, Poncho, Votivo
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C2	CruiserMaxx® 250
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
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.