

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

2022 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Early-Season Test	106 - 111 Day CRM B2022IASO34a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Ziduo Pro
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, very high K, 6.8 pH, 2.5% OM, 16.0 CEC
PEST MANAGEMENT:	Bicep Magnum, Glyphosate, Quilt XI
FERTILITY - Applied N:	160 Spring, 37 Sidedress
Applied N-P-K (units):	197-0-0
SEEDED - RATE - ROW:	May 10 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 22 33.8 /A

TEST COMMENTS:

Soil conditions were great with no-till into soybean stubble. Plants emerged with no problem and at harvest, the plants stood tall and had no lodging issues. No major diseases were noticed. There were large ears, well-pollinated with very good seed depth. This location was another that was lucky not to have the severe drought stress but just a few miles away you could see yield lost.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	70B4AM ↗	AM	110	281.5	14.1	1	32.9	1821	1
Taylor	6012 TRE ↗	TRE	111	264.7	13.5	1	33.8	1713	2
NuTech	70F6Q ↗	QR	110	262.9	13.8	1	33.8	1701	3
Wyffels	W6935 ↗	TRE	111	262.6	13.6	1	32.9	1699	4
Dyna-Gro	D50VC09RIB ↗	VT2P	110	261.1	13.3	1	33.8	1689	5
Hoegemeyer	7843 AM ↗	AM	108	260.5	14.1	1	33.8	1685	6
Taylor	EXP A-110-23 ↗	VT2P	110	256.6	14.0	1	33.8	1660	7
Pioneer	P1027AM GC ↗	AM	110	254.4	14.4	1	33.8	1646	8
AgriGold	A639-70STXRIB GC ↗	STX	109	253.7	13.1	1	32.9	1641	9
Golden Harvest	G11V76-D ↗	D	111	249.7	14.3	1	33.8	1616	10
NuTech	68A9AM ↗	AM	108	248.3	14.1	1	33.8	1607	12
Integra	5802 VT2PRIB ↗	VT2P	108	247.8	13.1	1	34.8	1603	13
AgriGold	A636-16VT2PRIB GC ↗	VT2P	106	246.8	13.4	1	32.9	1597	14
FS InVision	FS 6025X RIB ↗	STX	110	246.2	13.9	1	33.8	1593	15
Renk	RK826VT2P ↗	VT2P	111	245.9	14.3	1	32.9	1591	16
AgriGold	A640-12STX GC ↗	STX	110	245.6	13.9	1	34.8	1589	17
Pioneer	P1185AM GC ↗	AM	111	245.3	14.5	1	31.9	1587	18
Kruger	K1139SS ↗	STX	111	245.1	14.1	1	33.8	1586	19
Integra	6061 TRERIB ↗	TRE	110	244.1	13.9	1	34.8	1579	20
Kruger	K1191DT ↗	TRE	111	243.5	13.6	1	32.9	1575	21
NK Brand	NK0877-V ↗	V	108	242.9	13.9	1	33.8	1572	22
Golden Harvest	G10L16-DV ↗	DV	110	240.3	14.1	1	31.9	1555	23
Augusta	A1259-5222 ↗	DV	109	240.3	13.6	1	33.8	1555	24
FS InVision	FS 6106X RIB ↗	STX	111	239.8	13.7	1	34.8	1552	25
NuTech	68A7AM ↗	AM	108	238.2	13.8	1	34.8	1541	26
NK Brand	NK1188-AA ↗	AA	111	238.0	14.7	1	33.8	1540	27
Taylor	9912 VT2P ↗	VT2P	111	237.4	14.3	1	34.8	1536	28
Wyffels	W6826RIB ↗	VT2P	111	237.3	14.0	1	33.8	1535	29
AgriGold	A641-85TRCRIB GC ↗	TRE	111	235.2	14.0	1	34.8	1522	30
Renk	RK774VT2P ↗	VT2P	108	234.8	13.2	1	34.8	1519	31
PIONEER	P0953AM CK	AM	109	248.3	14.7	1	32.9	1607	11
				Averages =	240.5	13.8	1	33.8	1556
				LSD (0.10) =	7.5	0.5	ns		
				LSD (0.25) =	3.9	0.2	ns		
				C.V. =	3.0				
Randy Meinsma				Historic yield: 222.18 bu/a, 11 yr(s)					
randym@firstseedtests.com, (815) 238-8007									

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.47

Report Date: 10/24/2022

Revised: 10/30/2022 Updated herbicide and fungicide applied - no other data changes

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

©2022, All rights reserved by Elite Field Genetics, LLC

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

2022 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Full-Season Test	112 - 116 Day CRM B2022IASO34b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Ziduo Pro
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, very high K, 6.8 pH, 2.5% OM, 16.0 CEC
PEST MANAGEMENT:	Bicep Magnum, Glyphosate, Quilt XI
FERTILITY - Applied N:	160 Spring, 37 Sidedress
Applied N-P-K (units):	197-0-0
SEEDED - RATE - ROW:	May 10 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 22 33.7 /A

TEST COMMENTS:

Soil conditions were great with no-till into soybean stubble. Plants emerged with no problem and at harvest, the plants stood tall and had no lodging issues. No major diseases were noticed. There were large ears, well-pollinated with very good seed depth. This location was another that was lucky not to have the severe drought stress but just a few miles away you could see yield lost.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK940SSTX ↗	STX	115	288.4	16.1	1	34.8	1854	1
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	284.7	15.6	1	33.8	1835	2
Wyffels	W7876RIB ↗	VT2P	114	283.4	16.7	1	33.8	1814	3
Taylor	EXP C-114-23 ↗	VT2P	114	280.2	15.7	1	34.8	1805	4
Kruger	K1460DT ↗	TRE	114	276.8	16.4	1	33.8	1776	6
Kruger	K1501DP ↗	VT2P	115	276.3	16.1	1	33.8	1776	7
Taylor	9913 VT2P ↗	VT2P	113	275.7	16.1	1	33.8	1772	8
NuTech	72A8AM ↗	AM	112	275.3	15.0	1	32.9	1781	5
FS InVision	FS 6625V RIB ↗	VT2P	116	274.5	16.4	1	34.8	1760	9
FS InVision	FS 6627T RIB ↗	TRE	116	272.2	16.2	1	33.8	1748	10
Kruger	KR-4913 ↗	VT2P	113	269.9	14.9	1	32.9	1746	11
Wyffels	W7536DGRIB ↗	VT2PDG	112	269.4	15.7	1	33.8	1735	14
Integra	6410 VT2PRIB ↗	VT2P	114	269.4	15.7	1	32.9	1736	12
Wyffels	W7945 ↗	TRE	114	269.1	15.5	1	32.9	1736	13
Dyna-Gro	D53SS13RIB ↗	STX	113	267.8	15.0	1	33.8	1733	15
FS InVision	FS 6595V RIB ↗	VT2P	115	265.3	16.2	1	33.8	1703	19
Renk	RK958VT2P ↗	VT2P	115	264.7	15.9	1	32.9	1703	20
NuTech	72D4AM ↗	AM	112	264.5	15.2	1	34.8	1709	16
Dyna-Gro	D53TC23RIB ↗	TRE	113	264.4	15.1	1	32.9	1709	17
Renk	RK915VT2P ↗	VT2P	115	263.9	15.6	1	34.8	1701	22
FS InVision	FS 6306T RIB ↗	TRE	113	263.5	14.4	1	32.9	1705	18
Wyffels	W8306 ↗	VT2P	115	263.5	16.2	1	32.9	1692	24
Kruger	K1313DD ↗	VT2PDG	113	263.0	14.4	1	32.9	1702	21
Hoegemeyer	8370 AM ↗	AM	113	262.5	15.5	1	32.9	1693	23
Integra	6588 VT2PRIB ↗	VT2P	115	262.0	17.3	1	33.8	1671	27
NuTech	74C4AM ↗	AM	114	262.0	15.6	1	31.9	1689	25
Hoegemeyer	8303 AM ↗	AM	113	261.0	15.4	1	34.8	1684	26
Taylor	EXP C-116-23 GC ↗	TRE	116	259.1	16.2	1	33.8	1664	30
Renk	RK830SSTX ↗	STX	112	257.9	14.2	1	34.8	1669	28
Taylor	8824 VT2P ↗	VT2P	113	257.7	15.2	1	34.8	1665	29
PIONEER	P0953AM CK	AM	109	249.8	14.7	1	33.8	1616	38
				Averages =	262.3	15.7	1	33.7	1689
				LSD (0.10) =	10.5	0.5	ns		
				LSD (0.25) =	5.5	0.3	ns		
				C.V. =	3.8				
				Historic yield: 222.18 bu/a, 11 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 = \$6.47

Report Date: 10/24/2022

Revised: 10/30/2022 Updated herbicide and fungicide applied - no other data changes

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

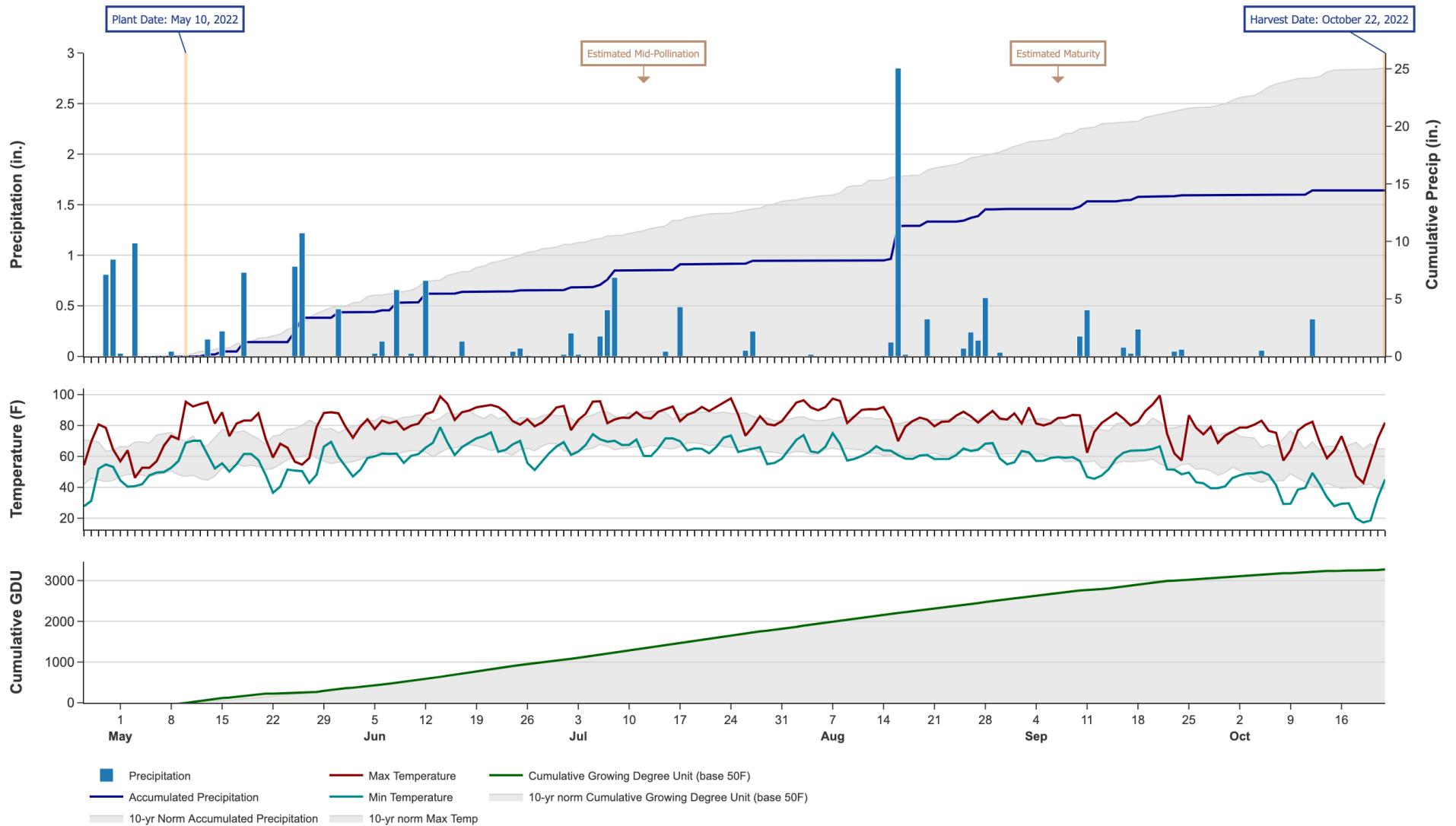
©2022, All rights reserved by Elite Field Genetics, LLC

2022 Corn - Iowa South [IASO]

Weather Conditions Summary at FARRAGUT, IA

Weather Data Retrieved: 10/30/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.8 0.7 (+1.1)	5.0 5.9 (-0.9)	1.9 5.1 (-3.2)	2.6 4.0 (-1.4)	4.5 4.5 (-0.0)	1.2 3.9 (-2.8)	0.4 3.1 (-2.6)	17.4 27.3 (-9.8)
GDU Normal (Diff)	52 43 (+8)	422 415 (+6)	690 716 (-26)	776 789 (-13)	733 722 (+10)	539 545 (-6)	192 204 (-12)	3404 3437 (-33)



* 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.

2022 Corn - Iowa South [IASO]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A636-16VT2PRIB GC	VT2P	Y	106	AC,P5V
AgriGold	A639-70STXRIB GC	STX	N*	109	AC,P5V
AgriGold	A640-12STX GC	STX	N*	110	AC,P5V
AgriGold	A641-85TRCRIB GC	TRE	N*	111	AC,P5V
Augusta	A1259-5222	DV	Y*	109	CM,C2,Vi
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Dyna-Gro	D50VC78	VT2P	N	110	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
Golden Harvest	G07G73-AA GC	AA	Y	107	AVC,C2,Vi,Va
Golden Harvest	G09T26-AA GC	AA	Y	109	AVC,C5,Vi,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G11V76-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Hoegemeyer	7843 AM	AM	Y	108	Lum, L1
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
Kruger	K0915DD	VT2PDG	Y	109	AC,P5V,EDC-B
Kruger	K1005DP	VT2P	Y	110	AC,P2
Kruger	K1139SS	STX	Y	111	AC,P5V,EDC-B
Kruger	K1191DT	TRE	Y	111	AC,P5V,EDC-B
NK Brand	NK0877-V	V	Y	108	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	68A9AM	AM	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	P0953AM CK	AM	Y	109	Lum
Pioneer	P1027AM GC	AM	Y	110	Lum
Pioneer	P1185AM GC	AM	Y	111	Treated
Renk	RK774VT2P	VT2P	N	108	AC,P2
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P2
Taylor	6012 TRE	TRE	N	111	CM,C2
Taylor	9912 VT2P	VT2P	N	111	CM,C2
Taylor	EXP A-110-23	VT2P	N	110	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W6826RIB	VT2P	Y	111	AC,P2
Wyffels	W6935	TRE	N	111	AC,P2

* 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.

2022 Corn - Iowa South [IASO]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1466-3220A-EZ	V	Y	116	Treated
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
Dyna-Gro	D53SS13RIB	STX	N	113	AC,P5V
Dyna-Gro	D53TC23RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G16Q82-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
Hoegemeyer	8303 AM	AM	Y	113	Lum, L1
Hoegemeyer	8370 AM	AM	Y	113	Lum
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU+Zn
Integra	6555 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Integra	6588 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Kruger	K1313DD	VT2PDG	Y	113	AC,P5V
Kruger	K1460DT	TRE	Y	114	AC,P5V,EDC-B
Kruger	K1501DP	VT2P	Y	115	AC,P5V,EDC-B
Kruger	KR-4913	VT2P	Y	113	AC,P2
NK Brand	NK1523-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1661-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
NuTech	72A5Q	QR	Y	111	Lum, L1
NuTech	72A8AM	AM	Y	112	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK830SSTX	STX	N	112	AC,P5V
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK940SSTX	STX	N	115	AC,P5V
Renk	RK958VT2P	VT2P	N	115	AC,P2
Taylor	8013 VT2PDG	VT2PDG	N*	112	CM,C2
Taylor	8824 VT2P	VT2P	N*	113	CM,C2
Taylor	9913 VT2P	VT2P	N	113	CM,C2
Taylor	EXP C-114-23	VT2P	N	114	AC,P2
Taylor	EXP C-116-23 GC	TRE	N	116	AC,P2
Titan Pro	82-14 2P	VT2P	Y	114	AC,P2
Wyffels	W7416RIB	VT2P	Y	112	AC,P2
Wyffels	W7536DGRIB	VT2PDG	Y	112	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W8306	VT2P	N	115	AC,P2

* 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

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

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
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Accelaron® 250
AC,P5V	Accelaron® Poncho 500/Votivo
AC,P5V,EDC-B	Accelaron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Accelaron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU+Zn	Accelaron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.