

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

2022 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 B2022IASO36a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua, Liberty, Clethodim
SOIL DESCRIPTION:	Kniffin silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, low K, 7.0 pH, 3.1% OM, 17.9 CEC
PEST MANAGEMENT:	Full Time, Calisto, Halex, Headline Amp
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-52-120
SEEDED - RATE - ROW:	May 16 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 4 30.9 /A

TEST COMMENTS:

After planting, conditions were cool and damp which caused some emergence problems on part of the plot. The plants that made it through the first part of the growing stage did very well. Plants showed light tar spots. Ears were well pollinated. Plants stood tall and had no lodging issues. No weed pressure was observed. The soil had cracked from drought conditions. One replicate in the full-season test was removed due to poor stands and higher variance.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	6012 TRE ↗	TRE	111	243.9	20.1	1	29.0	1528	1
NuTech	70B4AM ↗	AM	110	237.7	20.7	1	30.9	1484	2
NK Brand	NK0877-V ↗	V	108	228.0	20.4	1	30.9	1426	3
FS InVision	FS 6017V RIB ↗	VT2P	110	226.2	19.6	1	30.9	1422	4
FS InVision	FS 6106X RIB ↗	STX	111	222.9	21.5	1	30.9	1384	6
NuTech	68A9AM ↗	AM	108	221.5	19.3	1	30.9	1395	5
Golden Harvest	G09T26-AA GC ↗	AA	109	218.5	20.3	1	30.9	1367	7
FS InVision	FS 6025X RIB ↗	STX	110	217.9	21.9	1	30.0	1349	11
NuTech	70F6Q ↗	QR	110	217.8	21.0	1	31.9	1357	9
Golden Harvest	G10L16-DV ↗	DV	110	216.2	19.8	1	31.9	1358	8
AgriGold	A640-12STX GC ↗	STX	110	216.0	21.6	1	31.9	1341	14
Dyna-Gro	D50VC09RIB ↗	VT2P	110	215.8	19.9	1	30.9	1354	10
Golden Harvest	G11V76-D ↗	D	111	215.4	20.4	1	30.9	1347	12
Renk	RK805VT2P ↗	VT2P	110	213.9	19.5	1	30.9	1345	13
NK Brand	NK1188-AA ↗	AA	111	212.9	21.3	1	31.9	1324	16
Dyna-Gro	D50VC78 ↗	VT2P	110	211.5	19.7	1	31.9	1328	15
Augusta	A1259-5222 ↗	DV	109	210.7	22.1	1	31.9	1303	20
NuTech	68A7AM ↗	AM	108	210.3	20.2	1	30.9	1317	17
AgriGold	A641-85TRCRIB GC ↗	TRE	111	208.9	20.2	1	30.0	1308	19
Renk	RK774VT2P ↗	VT2P	108	206.1	18.7	1	31.9	1303	21
Kruger	K1191DT ↗	TRE	111	205.9	20.0	1	30.9	1291	23
Integra	5802 VT2PRIB ↗	VT2P	108	205.7	18.4	1	30.9	1303	22
Renk	RK821SSTX ↗	STX	111	205.5	20.9	1	30.9	1281	27
Taylor	EXP A-110-23 ↗	VT2P	110	205.3	19.8	1	30.0	1289	24
Hoegemeyer	7843 AM ↗	AM	108	205.0	19.6	1	31.9	1288	25
Pioneer	P1185AM GC ↗	AM	111	204.0	19.6	1	29.0	1283	26
Renk	RK801SSTX ↗	STX	110	202.8	20.9	1	29.0	1264	30
Wyffels	W6826RIB ↗	VT2P	111	202.8	19.2	1	30.9	1278	28
Wyffels	W6935 ↗	TRE	111	201.8	19.9	1	30.9	1266	29
NuTech	70A8AM ↗	AM	110	199.1	19.4	1	31.9	1253	31
PIONEER	P0953AM CK	AM	109	207.2	18.8	1	31.9	1309	18
				Averages =	206.0	20.0	1	30.9	1291
				LSD (0.10) =	4.3	1.0	ns		
				LSD (0.25) =	2.3	0.5	ns		
				C.V. =	2.0				
				Historic yield: 211.19 bu/a, 4 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: 10/09/2022

† 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

Additional reports available at www.firstseedtests.com

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

2022 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 B2022IASO36b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Soybeans / Zidua, Liberty, Clethodim
SOIL DESCRIPTION:	Kniffin silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, high P, low K, 7.0 pH, 3.1% OM, 17.9 CEC
PEST MANAGEMENT:	Full Time, Calisto, Halex, Headline Amp
FERTILITY - Applied N:	180 Fall
Applied N-P-K (units):	180-52-120
SEEDED - RATE - ROW:	May 16 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 4 30.9 /A

TEST COMMENTS:

After planting, conditions were cool and damp which caused some emergence problems on part of the plot. The plants that made it through the first part of the growing stage did very well. Plants showed light tar spots. Ears were well pollinated. Plants stood tall and had no lodging issues. No weed pressure was observed. The soil had cracked from drought conditions. One replicate in the full-season test was removed due to poor stands and higher variance.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	72A8AM ↗	AM	112	228.3	19.0	1	31.9	1440	1
Wyffels	W7536DGRIB ↗	VT2PDG	112	220.5	19.5	1	31.9	1386	2
Integra	6342 TRERIB ↗	TRE	113	218.2	20.7	1	30.5	1362	3
Taylor	8824 VT2P ↗	VT2P	113	216.0	20.7	1	31.9	1348	4
NuTech	73A6Q ↗	QR	113	210.2	20.7	1	29.0	1312	5
Augusta	A1466-3220A-EZ ↗	V	116	208.6	23.7	1	30.5	1277	12
FS InVision	FS 6627T RIB ↗	TRE	116	207.6	22.5	3	31.9	1281	8
Taylor	9913 VT2P ↗	VT2P	113	206.5	21.4	1	31.9	1283	7
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	206.5	22.5	1	30.5	1274	15
Renk	RK940SSTX ↗	STX	115	206.5	23.3	1	29.0	1267	17
Renk	RK830SSTX ↗	STX	112	206.4	21.7	1	30.5	1279	9
Dyna-Gro	D53TC23RIB ↗	TRE	113	206.2	22.2	1	29.0	1275	14
Golden Harvest	G16Q82-AA ↗	AA	116	206.0	21.7	1	31.9	1277	13
Kruger	K1501DP ↗	VT2P	115	205.9	21.4	1	31.9	1279	10
Integra	6410 VT2PRIB ↗	VT2P	114	205.8	22.8	1	30.5	1268	16
Kruger	K1313DD ↗	VT2PDG	113	204.4	20.4	1	30.5	1278	11
Kruger	KR-4913 ↗	VT2P	113	204.4	22.2	1	31.9	1263	18
FS InVision	FS 6595V RIB ↗	VT2P	115	204.0	23.3	1	29.0	1253	21
Wyffels	W7945 ↗	TRE	114	203.1	22.3	1	30.5	1255	19
Renk	RK915VT2P ↗	VT2P	115	202.0	21.5	1	30.5	1254	20
Wyffels	W7876RIB ↗	VT2P	114	200.7	23.7	1	31.9	1229	24
FS InVision	FS 6625V RIB ↗	VT2P	116	200.2	24.0	1	30.5	1224	26
Dyna-Gro	D53SS13RIB ↗	STX	113	199.8	23.0	1	30.5	1229	25
NuTech	72D4AM ↗	AM	112	199.6	19.8	1	29.0	1253	22
Hoegemeyer	8370 AM ↗	AM	113	198.4	20.4	1	31.9	1241	23
NK Brand	NK1661-AA ↗	AA	116	196.4	21.9	1	31.9	1216	27
Renk	RK958VT2P ↗	VT2P	115	194.5	22.2	1	31.9	1202	28
Integra	6555 VT2PRIB ↗	VT2P	115	192.3	21.8	1	31.9	1192	29
Taylor	8013 VT2PDG ↗	VT2PDG	112	191.0	20.7	1	30.5	1192	30
Renk	RK895DGV2P ↗	VT2PDG	113	188.0	19.0	1	31.9	1187	31
PIONEER	P0953AM CK	AM	109	207.3	19.2	1	30.5	1306	6
				Averages =	198.5	21.8	1	30.9	1231
				LSD (0.10) =	13.5	1.5	ns		
				LSD (0.25) =	7.0	0.8	ns		
				C.V. =	5.2				
Randy Meinsma				Historic yield: 211.19 bu/a, 4 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: 10/09/2022

† 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

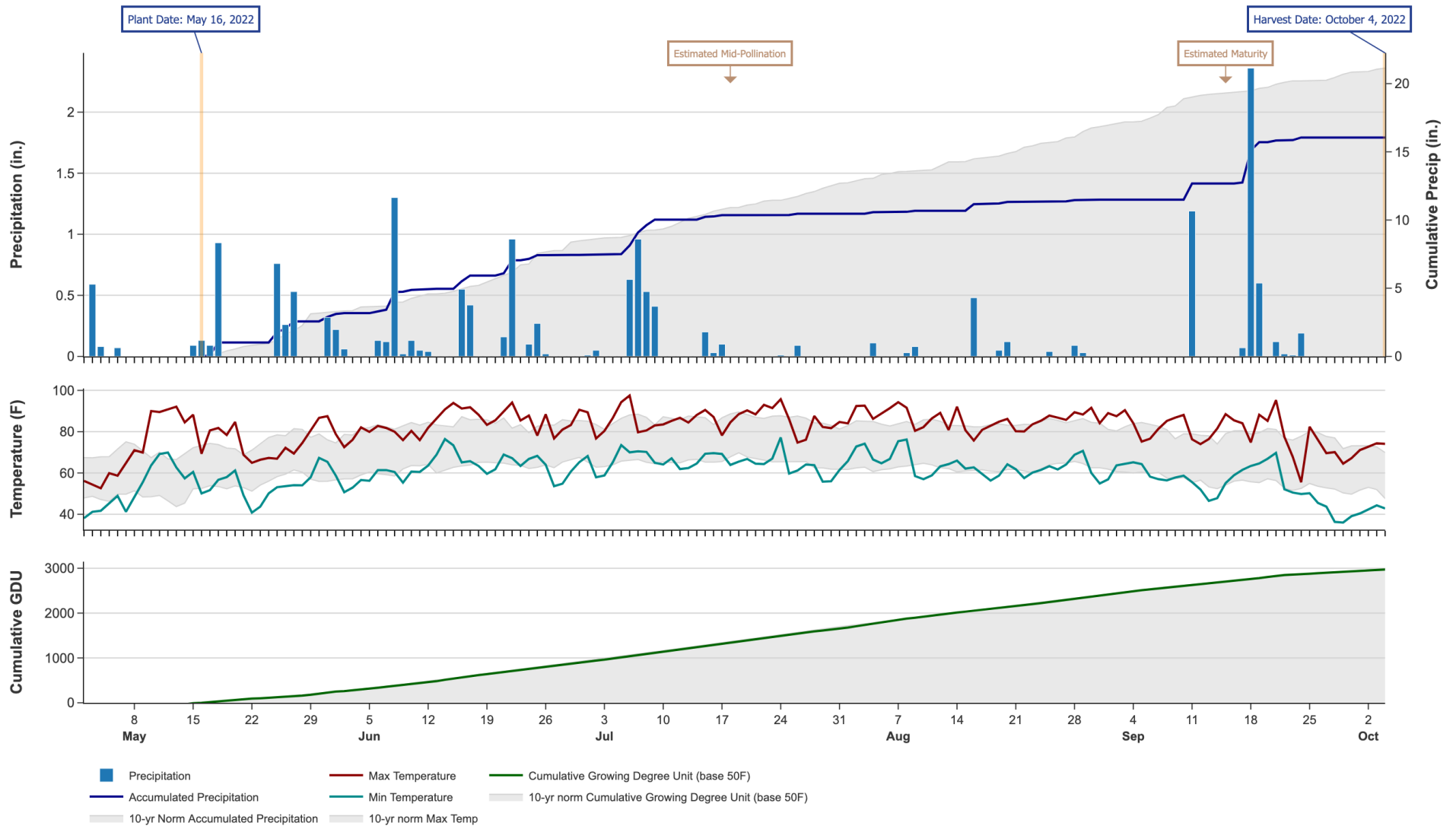
Additional reports available at www.firstseedtests.com

2022 Corn - Iowa South [IASO]

Weather Conditions Summary at BLOOMFIELD, IA

Weather Data Retrieved: 10/09/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.9 5.3 (-1.4)	4.5 5.2 (-0.7)	3.0 4.2 (-1.2)	1.0 4.1 (-3.1)	4.6 4.0 (+0.6)	0.0 0.3 (-0.3)	17.0 23.2 (-6.2)
GDU Normal (Diff)	429 386 (+42)	666 679 (-13)	755 779 (-24)	743 722 (+20)	531 525 (+5)	46 47 (-1)	3170 3141 (+28)



* 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.