

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

2022 Corn Grain Top 30 Harvest Report

Iowa South [IASO] CAMBRIA, IA
Dan Allred, Wayne County, IA 50060

Early-Season Test	106 - 111 Day CRM B2022IASO33a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Roundup
SOIL DESCRIPTION:	Haig silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, medium K, 5.9 pH, 3.3% OM, 18.9 CEC
PEST MANAGEMENT:	Glyphosate, Dual, Keystone, Zone, Surestart, Callisto
FERTILITY - Applied N:	46 Fall, 139 Spring
Applied N-P-K (units):	185-0-0
SEDED - RATE - ROW:	May 19 35.0 /A 30" spacing
HARVESTED - STAND:	Nov 1 33.5 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged quickly and then grew tall. Ears were high on the stalks. Ears sizes varied from short and girthy to slender and long. The plants looked healthy, and there was no weed pressure. The plot just did not catch the rain to fill out and perform better. Stalks were starting to show weakness and would fall over when pushed. The week before harvest the area was extremely dry which made the dry-down happen quickly. Large cracks in the soil could be seen from the drought conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	G10L16-DV ↗	DV	110	226.0	13.6	3	32.9	1462	1
AgriGold	A640-12STX GC ↗	STX	110	225.6	13.7	1	32.9	1460	2
NuTech	70B4AM ↗	AM	110	223.9	13.5	2	34.8	1449	3
Golden Harvest	G11V76-D ↗	D	111	219.4	14.3	7	33.8	1420	4
NuTech	68A7AM ↗	AM	108	218.6	13.3	1	33.8	1414	5
Augusta	A1259-5222 ↗	DV	109	218.2	13.5	1	33.8	1412	6
Dyna-Gro	D48VC84 ↗	VT2P	108	216.5	13.1	1	33.8	1401	7
Wyffels	W6935 ↗	TRE	111	215.7	13.6	1	32.9	1396	8
Integra	5802 VT2PRIB ↗	VT2P	108	215.4	13.2	1	32.9	1394	9
FS InVision	FS 6017V RIB ↗	VT2P	110	214.3	12.9	1	34.8	1387	10
NK Brand	NK0877-V ↗	V	108	212.7	13.6	6	32.9	1376	11
Taylor	6012 TRE ↗	TRE	111	211.7	13.2	1	32.9	1370	12
NuTech	70A8AM ↗	AM	110	211.4	13.4	1	32.9	1368	13
Hoegemeyer	7843 AM ↗	AM	108	211.0	13.1	1	34.8	1365	14
Golden Harvest	G09T26-AA GC ↗	AA	109	209.9	13.3	2	33.8	1358	15
NuTech	70F6Q ↗	QR	110	209.1	13.6	4	33.8	1353	16
Integra	6061 TRERIB ↗	TRE	110	208.9	13.5	1	31.9	1352	17
FS InVision	FS 6106X RIB ↗	STX	111	207.7	13.5	1	33.8	1344	18
Golden Harvest	G07G73-AA GC ↗	AA	107	205.3	13.3	1	34.8	1328	19
AgriGold	A636-16VT2PRIB GC ↗	VT2P	106	205.0	13.2	1	34.8	1326	20
Integra	5719 VT2PRIB ↗	VT2P	107	204.5	13.1	1	32.9	1323	21
Taylor	EXP A-110-23 ↗	VT2P	110	204.4	13.1	1	32.9	1322	22
AgriGold	A641-85TRCRIB GC ↗	TRE	111	204.3	13.7	2	34.8	1322	23
Renk	RK826VT2P ↗	VT2P	111	203.7	13.4	6	30.9	1318	24
Renk	RK801SSTX ↗	STX	110	203.7	13.8	1	33.8	1318	25
Taylor	9912 VT2P ↗	VT2P	111	203.2	13.5	1	33.8	1315	26
NK Brand	NK1188-AA ↗	AA	111	201.6	14.1	5	32.9	1304	28
Wyffels	W6826RIB ↗	VT2P	111	201.4	13.4	1	34.8	1303	29
NuTech	68A9AM ↗	AM	108	201.0	13.1	1	33.8	1300	30
Kruger	K1191DT ↗	TRE	111	200.4	13.0	2	33.8	1297	31
PIONEER	P0953AM CK	AM	109	203.0	13.4	1	32.9	1313	27
				Averages =	205.4	13.4	2	33.5	1329
				LSD (0.10) =	7.7	0.3	3		
				LSD (0.25) =	4.0	0.1	1		
				C.V. =	3.6				
				Historic yield: 220.27 bu/a, 4 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$6.47

Report Date: 11/03/2022

† 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

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2022 Corn Grain Top 30 Harvest Report

Iowa South [IASO] CAMBRIA, IA
Dan Allred, Wayne County, IA 50060

Full-Season Test 112 - 116 Day CRM
B2022IASO33b

Top 30 of 45 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Roundup

SOIL DESCRIPTION: Haig silt loam, moderately
drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, high P,
medium K, 5.9 pH, 3.3% OM,
18.9 CEC

PEST MANAGEMENT: Glyphosate, Dual, Keystone,
Zone, Surestart, Callisto

FERTILITY - Applied N: 46 Fall, 139 Spring

Applied N-P-K (units): 185-0-0

SEDED - RATE - ROW: May 19 35.0 /A 30" spacing

HARVESTED - STAND: Nov 1 33.6 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged quickly and then grew tall. Ears were high on the stalks. Ears sizes varied from short and girthy to slender and long. The plants looked healthy, and there was no weed pressure. The plot just did not catch the rain to fill out and perform better. Stalks were starting to show weakness and would fall over when pushed. The week before harvest the area was extremely dry which made the dry-down happen quickly. Large cracks in the soil could be seen from the drought conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	72A5Q ↗	QR	111	225.7	13.8	2	33.8	1460	1
Dyna-Gro	D53SS13RIB ↗	STX	113	225.4	14.2	5	33.8	1458	2
Wyffels	W7416RIB ↗	VT2P	112	221.9	13.7	1	33.8	1436	3
NuTech	73A6Q ↗	QR	113	221.1	13.7	1	34.8	1431	4
FS InVision	FS 6627T RIB ↗	TRE	116	220.8	15.3	1	33.8	1426	5
Wyffels	W8306 ↗	VT2P	115	211.5	14.4	2	33.8	1368	6
Renk	RK895DGV2P ↗	VT2PDG	113	211.4	13.6	1	32.9	1368	7
Integra	6588 VT2PRIB ↗	VT2P	115	211.4	15.2	1	31.9	1366	8
Taylor	8013 VT2PDG ↗	VT2PDG	112	210.9	13.8	1	33.8	1365	9
Renk	RK830SSTX ↗	STX	112	210.8	14.3	1	33.8	1364	10
Taylor	8824 VT2P ↗	VT2P	113	210.1	14.3	1	33.8	1359	11
Renk	RK940SSTX ↗	STX	115	209.6	14.8	7	34.8	1356	12
Integra	6555 VT2PRIB ↗	VT2P	115	208.7	14.3	1	34.8	1350	13
Taylor	EXP C-114-23 ↗	VT2P	114	208.7	14.5	3	32.9	1350	14
Augusta	A1466-3220A-EZ ↗	V	116	208.5	15.3	3	32.9	1346	15
FS InVision	FS 6306T RIB ↗	TRE	113	208.0	13.9	2	33.8	1346	16
Dyna-Gro	D53TC23RIB ↗	TRE	113	207.6	13.8	1	32.9	1343	17
NuTech	72A8AM ↗	AM	112	207.2	13.4	1	33.8	1341	18
Titan Pro	82-14 2P ↗	VT2P	114	207.0	15.4	1	34.8	1336	22
Integra	6342 TRERIB ↗	TRE	113	206.9	13.8	1	31.9	1339	19
FS InVision	FS 6595V RIB ↗	VT2P	115	206.9	13.6	1	31.9	1339	20
Wyffels	W7876RIB ↗	VT2P	114	206.7	14.8	2	32.9	1337	21
NuTech	72D4AM ↗	AM	112	206.5	13.3	1	33.8	1336	23
Kruger	KR-4913 ↗	VT2P	113	206.5	13.8	1	32.9	1336	24
Kruger	K1460DT ↗	TRE	114	206.3	14.1	2	33.8	1335	25
Taylor	EXP C-116-23 GC ↗	TRE	116	204.4	14.6	1	32.9	1322	26
NuTech	74C4AM ↗	AM	114	204.4	13.9	1	32.9	1322	27
FS InVision	FS 6625V RIB ↗	VT2P	116	203.7	14.7	2	34.8	1318	28
NK Brand	NK1523-V ↗	V	115	203.1	15.2	1	31.9	1312	29
Integra	6410 VT2PRIB ↗	VT2P	114	202.6	14.9	1	33.8	1311	30
PIONEER	P0953AM CK	AM	109	195.3	13.1	1	33.8	1264	39
				Averages =	205.3	14.2	2	33.6	1328
				LSD (0.10) =	8.2	0.5	1		
				LSD (0.25) =	4.3	0.3	1		
				C.V. =	3.8				
								Historic yield: 220.27 bu/a, 4 yr(s)	



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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$6.47

Report Date: 11/03/2022

† 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

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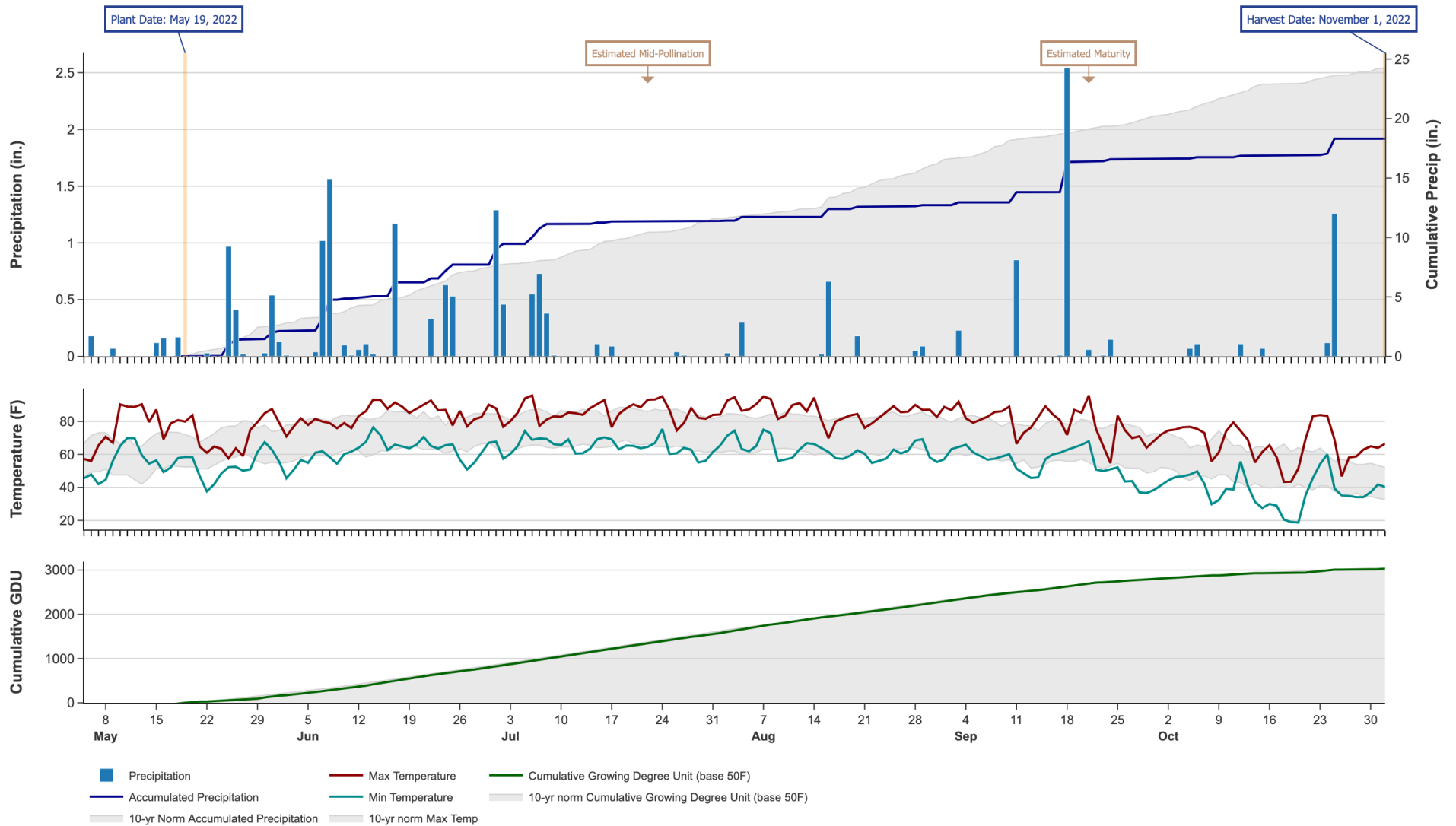
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2022 Corn - Iowa South [IASO]

Weather Conditions Summary at CAMBRIA, IA

Weather Data Retrieved: 11/03/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	2.7 4.9 (-2.2)	5.7 4.9 (+0.8)	3.7 4.1 (-0.4)	1.3 4.6 (-3.3)	3.9 4.0 (-0.1)	1.7 4.0 (-2.3)	0.0 0.0 (-0.0)	19.0 26.5 (-7.5)
GDU Normal (Diff)	386 341 (+44)	657 655 (+1)	750 766 (-16)	720 697 (+22)	523 509 (+13)	229 191 (+37)	8 0 (+8)	3273 3163 (+109)



* 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.