

Test by: Effingham, IL

2022 Corn Grain Top 30 Harvest Report

Indiana Central [INCE] GREENSBURG, IN

Gordon & Jeff Smiley, Decatur County, IN 47240

Early-Season Test	105 - 110 Day CRM B2022INCE05a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Liberty, Anthem Max
SOIL DESCRIPTION:	Cyclone silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.0 pH, 3.0% OM, 15.4 CEC
PEST MANAGEMENT:	Anthem Max, Metribuzin, Gramoxone, Roundup, Dual, Extendimax, Strategoyld & Veltyma With Boron
FERTILITY - Applied N:	48 Spring, 164 Sidedress, 30lb. Sulfur, 10lb. Boron
Applied N-P-K (units):	212-79-63
SEEDING - RATE - ROW:	May 2 36.5 /A 30" spacing
HARVESTED - STAND:	Sep 28 34.1 /A

TEST COMMENTS:

This strip-till with cover crop trial was planted in early May. Emergence was excellent. Weed control was perfect. Mid-June to mid-July saw very little rainfall and high temperatures. This resulted in plant heights and ear placement on the shorter side over all hybrids. No lodging was seen throughout the trial. Excellent plant health and very good late season stay green. Another good location with great cooperators.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1136AM GC ↗	AM	111	242.5	22.2	1	34.3	1529	1
Integra	5802 VT2PRIB ↗	VT2P	108	237.1	22.2	1	35.8	1495	2
Dairyland	DS-5095AM ↗	AM	110	234.8	23.4	1	33.8	1472	3
Golden Harvest	G10L16-DV ↗	DV	110	230.0	21.3	1	33.6	1456	4
DeKalb	DKC59-82RIB GC ↗	VT2P	109	227.8	22.8	1	35.1	1432	5
NuTech	70B4AM ↗	AM	110	227.7	22.9	1	35.8	1431	6
Pioneer	P1077AM GC ↗	AM	110	226.0	21.4	1	35.1	1430	7
FS InVision	FS 6017V RIB ↗	VT2P	110	224.5	20.9	1	35.8	1424	8
Wyckoff	2584 VT2P RIB ↗	VT2P	108	223.3	21.8	1	32.9	1410	9
Wyckoff	2583 TRE RIB ↗	TRE	108	220.7	20.8	1	34.3	1401	10
Dairyland	DS-4510Q ↗	QR	105	220.0	20.9	1	35.1	1395	11
FS InVision	FS 6025X RIB ↗	STX	110	217.9	22.3	1	32.9	1373	12
NuTech	68A7AM ↗	AM	108	217.1	22.6	1	34.3	1366	14
Great Heart	HT-6948VT2P ↗	VT2P	109	216.0	21.6	1	33.6	1365	15
Great Heart	HT-7044VT2P ↗	VT2P	110	215.8	21.5	1	34.3	1365	16
NK Brand	NK1082-DV ↗	DV	110	215.4	21.8	1	35.1	1361	18
Integra	5719 VT2PRIB ↗	VT2P	107	214.6	20.3	1	35.8	1365	17
Ebberts	7209TR RIB ↗	TRE	108	214.5	19.9	1	32.9	1367	13
Purple Ribbon	23A08 ↗	VT2P	108	213.8	21.9	1	35.1	1350	19
Wyckoff	2634 VT2P RIB ↗	VT2P	110	212.2	20.5	1	35.8	1349	20
Integra	5939 STXRIB ↗	STX	109	211.4	21.0	1	33.6	1340	22
FS InVision	FS 5815V RIB ↗	VT2P	108	210.6	20.2	1	33.6	1340	23
NK Brand	NK0877-V ↗	V	108	210.6	19.5	1	35.1	1345	21
Purple Ribbon	23A09 ↗	VT2P	109	210.5	21.5	1	35.1	1331	25
Ebberts	6138VT2P RIB ↗	VT2P	108	210.1	20.8	1	34.3	1333	24
Augusta	A1060-3330A-EZ ↗	VZ	110	210.0	21.7	1	30.6	1327	26
Wyckoff	2632 SS RIB ↗	STX	108	209.1	21.5	1	35.8	1322	27
NuTech	68A9AM ↗	AM	108	208.8	21.9	1	31.4	1318	30
Dairyland	DS-4878AM ↗	AM	108	208.6	21.1	1	32.1	1322	28
Augusta	A1359 VT2P ↗	VT2P	108	208.5	21.0	1	34.3	1322	29
DEKALB	DKC63-57RIB CK	VT2P	113	199.9	20.6	1	32.9	1270	46
				Averages =	212.9	21.4	1	34.1	1347
				LSD (0.10) =	12.2	1.3	ns		
				LSD (0.25) =	6.4	0.7	ns		
				C.V. =	6.3				
				Historic yield: 202.78 bu/a, 21 yr(s)					

Klint Tucker

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$6.52

Report Date: 09/29/2022

† 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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Full-Season Test	111 - 114 Day CRM B2022INCE05b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Liberty, Anthem Max
SOIL DESCRIPTION:	Cyclone silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.0 pH, 3.0% OM, 15.4 CEC
PEST MANAGEMENT:	Anthem Max, Metribuzin, Gramoxone, Roundup, Dual, Extendimax, Strategoyld & Veltyma With Boron
FERTILITY - Applied N:	48 Spring, 164 Sidedress, 30lb. Sulfur, 10lb. Boron
Applied N-P-K (units):	212-79-63
SEDED - RATE - ROW:	May 2 36.5 /A 30" spacing
HARVESTED - STAND:	Sep 28 33.5 /A

TEST COMMENTS:

This strip-till with cover crop trial was planted in early May. Emergence was excellent. Weed control was perfect. Mid-June to mid-July saw very little rainfall and high temperatures. This resulted in plant heights and ear placement on the shorter side over all hybrids. No lodging was seen throughout the trial. Excellent plant health and very good late season stay green. Another good location with great cooperators.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	229.3	26.8	1	35.8	1413	2
Channel	215-75VT2PRIB GC ↗	VT2P	115	228.2	29.2	1	35.8	1391	6
Pioneer	P1366AM GC ↗	AM	113	226.0	25.3	1	34.3	1404	3
Ebberts	6444VT2P RIB ↗	VT2P	114	224.7	25.0	1	34.4	1398	4
Augusta	A4463 VT2P ↗	VT2P	113	224.6	21.8	1	35.1	1419	1
Wyckoff	2711 VT2P RIB ↗	VT2P	112	224.2	25.4	1	35.1	1392	5
FS InVision	FS 6306T RIB ↗	TRE	113	221.4	24.9	1	31.9	1378	9
Dairyland	DS-5279Q ↗	QR	112	220.8	23.8	1	35.8	1381	7
Wyckoff	2678 VT2P RIB ↗	VT2P	111	219.8	23.0	1	33.6	1380	8
NK Brand	NK1239-D ↗	D	112	218.1	25.3	1	34.4	1354	13
ProHarvest	84P78 TRERIB ↗	TRE	114	217.8	24.8	1	32.1	1356	12
DeKalb	DKC64-65RIB GC ↗	VT2P	114	216.9	26.2	1	35.8	1341	21
Wyckoff	2733 VT2P RIB ↗	VT2P	114	216.9	26.8	1	33.6	1338	22
FS InVision	FS 6194V RIB ↗	VT2P	111	216.8	23.0	1	30.9	1362	10
Wyckoff	2679 DGV2P RIB ↗	VT2PDG	112	216.8	24.8	1	34.3	1350	17
Dairyland	DS-5250AM ↗	AM	112	216.6	24.0	1	34.3	1354	14
Wyckoff	2646 SS RIB ↗	STX	112	216.6	24.3	1	33.8	1352	15
Pioneer	P1222AM GC ↗	AM	112	216.5	26.2	1	32.1	1338	23
Dyna-Gro	D53SS13RIB ↗	STX	113	216.4	24.6	1	33.6	1348	18
NuTech	73A6Q ↗	QR	113	215.8	23.4	1	32.1	1352	16
ProHarvest	8360 VT2PRIB ↗	VT2P	113	215.4	23.8	1	29.8	1347	19
NK Brand	NK1188-D ↗	D	111	215.3	22.2	1	34.4	1357	11
Purple Ribbon	23A11 ↗	STX	111	214.7	23.8	1	33.6	1343	20
Ebberts	6883DGV2P RIB ↗	VT2PDG	112	213.9	24.5	1	32.9	1334	24
Purple Ribbon	23A12 ↗	VT2PDG	112	213.5	26.3	1	32.9	1319	27
Ebberts	7722TR RIB ↗	TRE	112	211.8	23.9	1	32.1	1324	25
NuTech	74B6AM ↗	AM	114	211.4	23.7	1	33.6	1323	26
Golden Harvest	G11V76-AA ↗	AA	111	210.9	24.2	1	32.9	1317	28
DeKalb	DKC62-70RIB GC ↗	VT2P	112	209.8	25.2	1	33.6	1304	31
NuTech	72A5Q ↗	QR	111	208.8	22.3	1	33.6	1315	30
DEKALB	DKC63-57RIB CK	VT2P	113	209.9	23.5	1	33.8	1315	29
				Averages =	212.1	24.8	1	33.5	1319
				LSD (0.10) =	12.5	1.5	ns		
				LSD (0.25) =	6.6	0.8	ns		
				C.V. =	6.5				
				Historic yield: 202.78 bu/a, 21 yr(s)					

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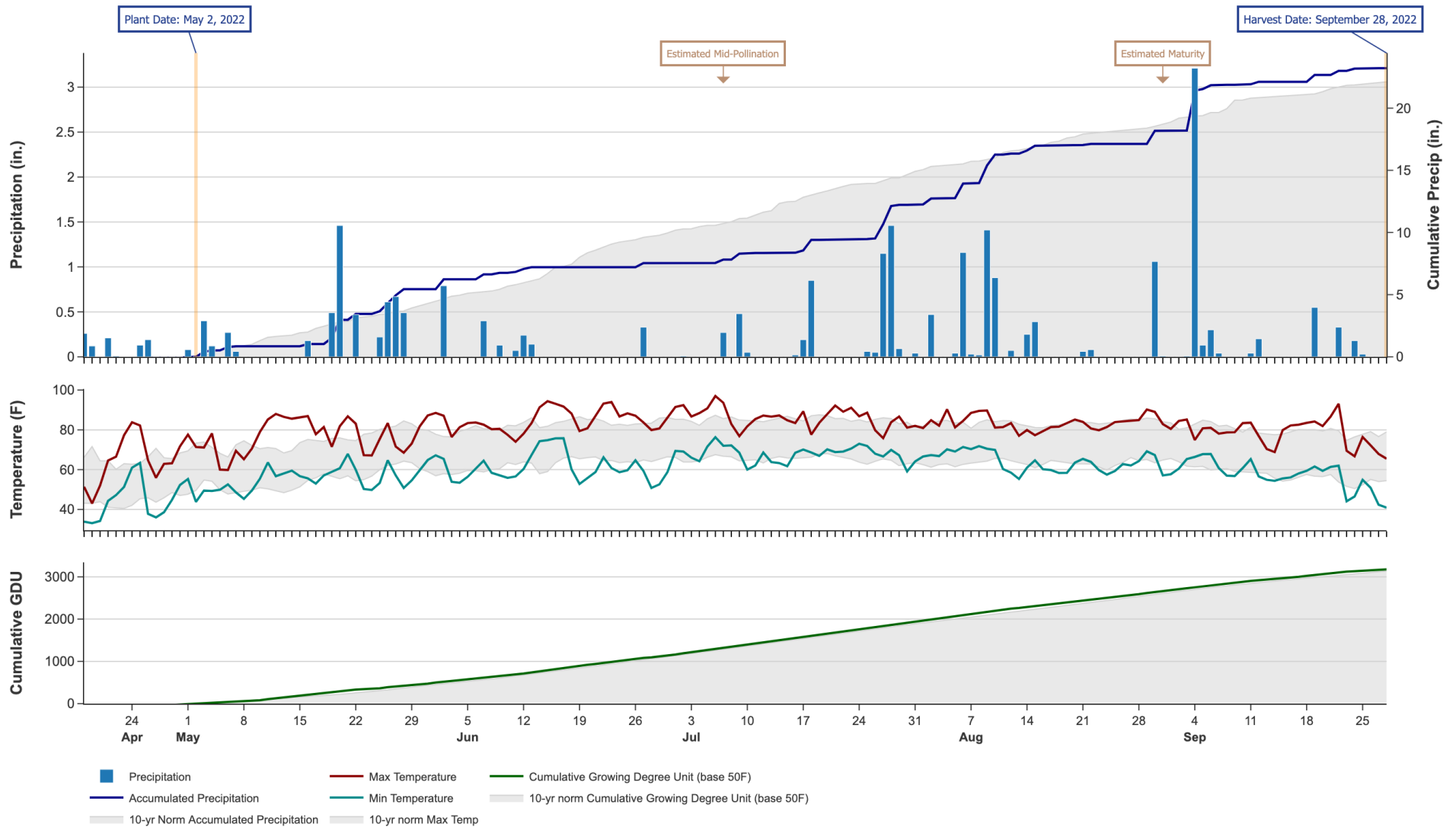
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2022 Corn - Indiana Central [INCE]

Weather Conditions Summary at GREENSBURG, IN

Weather Data Retrieved: 09/29/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	0.9 2.1 (-1.2)	5.5 4.7 (+0.8)	2.1 5.7 (-3.6)	4.7 5.0 (-0.2)	5.9 3.8 (+2.1)	5.0 3.4 (+1.6)	24.2 24.6 (-0.4)
GDU Normal (Diff)	107 101 (+5)	500 457 (+42)	663 673 (-10)	804 777 (+26)	725 726 (-1)	511 522 (-11)	3310 3259 (+50)



* 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 - Indiana Central [INCE]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330A-EZ	VZ	Y	110	CM,C2
Augusta	A1259-5222	DV	Y*	109	CM,C2,Vi
Augusta	A1359 VT2P	VT2P	N	108	CM,C2
Augusta	A1457-5122-EZ	D	Y	107	CM,C2
Dairyland	DS-4510Q	QR	Y	105	Lum, L1
Dairyland	DS-4878AM	AM	Y	108	Lum, L1
Dairyland	DS-4917AM	AM	Y	109	Lum, L1
Dairyland	DS-5095AM	AM	Y	110	Lum, L1
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5,EDC
DeKalb	DKC63-57RIB CK	VT2P	Y	113	AC,P5
Dyna-Gro	D49VC53	VT2P	N	109	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Dyna-Gro	D50VC78	VT2P	N	110	AC,P5V
Ebberts	6138VT2P RIB	VT2P	Y	108	Ebberts
Ebberts	6220VT2P RIB	VT2P	Y	110	Ebberts
Ebberts	6626VT2P RIB	VT2P	Y	106	Ebberts
Ebberts	7209TR RIB	TRE	Y	108	Ebberts
FS InVision	FS 5525VDG RIB	VT2P	Y	105	AC,P2
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 5829V RIB	VT2P	Y	108	AC,P5V,Va
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
Golden Harvest	G07G73-D	D	Y	107	AVC,C2,Vi,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-6948VT2P	VT2P	Y	109	Treated
Great Heart	HT-7044VT2P	VT2P	Y	110	Treated
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	5939 STXRIB	STX	Y	109	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
NK Brand	NK0877-V	V	Y	108	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1082-DV	DV	Y	110	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	P1077AM GC	AM	Y	110	Lum,P5V
Pioneer	P1108Q GC	QR	Y	111	Treated
Pioneer	P1136AM GC	AM	Y	111	Lum,P5V
Purple Ribbon	22A07	VT2P	Y	107	AC,P2
Purple Ribbon	23A08	VT2P	Y	108	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Purple Ribbon	23A09	VT2P	Y	109	AC,P2
Wyckoff	2515 VT2P RIB	VT2P	Y	107	CM,C2,Vi
Wyckoff	2583 TRE RIB	TRE	Y	108	AC,P2
Wyckoff	2584 VT2P RIB	VT2P	Y	108	AC,P2
Wyckoff	2632 SS RIB	STX	Y	108	AC,P5V,B300
Wyckoff	2634 VT2P RIB	VT2P	Y	110	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 - Indiana Central [INCE]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1265-3220-EZ	V	Y	114	AC,P5
Augusta	A1961 TRE	TRE	N	111	CM,C2
Augusta	A4463 VT2P	VT2P	N	113	CM,C5,Vi
Channel	213-19VT2PRIB GC	VT2P	Y	113	AC,P2,B360
Channel	214-78DGV2PRIB GC	VT2PDG	Y	114	AC,P5,B360
Channel	215-75VT2PRIB GC	VT2P	Y	115	AC,P2,B360
Dairyland	DS-5144Q	QR	Y	111	Lum, L1
Dairyland	DS-5161Q	QR	Y	111	Lum, L1
Dairyland	DS-5250AM	AM	Y	112	Lum, L1
Dairyland	DS-5279Q	QR	Y	112	Lum, L1
Dairyland	DS-5383AM	AM	Y	113	Lum, L1
DeKalb	DKC62-53RIB GC	VT2P	Y	112	AC,P5
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5
DeKalb	DKC63-57RIB CK	VT2P	Y	113	AC,P5
DeKalb	DKC64-65RIB GC	VT2P	Y	114	AC,P5
Dyna-Gro	D51SS61	STX	N	111	AC,P5V
Dyna-Gro	D53SS13RIB	STX	N	113	AC,P5V
Ebberts	6444VT2P RIB	VT2P	Y	114	Ebberts
Ebberts	6883DGV2P RIB	VT2PDG	Y	112	Ebberts
Ebberts	7722TR RIB	TRE	Y	112	Ebberts
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V
FS InVision	FS 6225L1 EZR	AA	Y	112	AVC5,Vi
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6406X RIB	STX	Y	114	AC,P5V
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-7393VT2P	VT2P	Y	113	Treated
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1239-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
NuTech	72A5Q	QR	Y	111	Lum, L1
NuTech	72D4Q	QR	Y	112	Lum, L1
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74B6AM	AM	Y	114	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
Pioneer	P1222AM GC	AM	Y	112	Lum,P5V
Pioneer	P1359AM GC	None	N*	113	Lum
Pioneer	P1366AM GC	AM	Y	113	Lum
ProHarvest	8360 VT2PRIB	VT2P	Y	113	AC,P2
ProHarvest	83P33 DGV2PRIB	VT2PDG	Y	113	AC,P2
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P2
Purple Ribbon	23A11	STX	Y	111	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Purple Ribbon	23A12	VT2PDG	Y	112	AC,P2
Wyckoff	2646 SS RIB	STX	Y	112	AC,P5V
Wyckoff	2678 VT2P RIB	VT2P	Y	111	AC,P5V
Wyckoff	2679 DGV2P RIB	VT2PDG	Y	112	AC,P5V
Wyckoff	2711 VT2P RIB	VT2P	Y	112	AC,P2
Wyckoff	2733 VT2P RIB	VT2P	Y	114	AC,P5V

* 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®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
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,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC5,Vi	Avicta® Complete 500, Vibrance®
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
Ebberts	Ebberts Complete Corn (Ebberts Field Seeds)
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.