

Test by: Effingham, IL

2021 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 B2021INCE01a
Top 30 of 39	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Zidua, Cloak, Roundup, Warrant, Magistrate, Liberty
SOIL DESCRIPTION:	Fincastle/Millsdale silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.5 pH, 2.7% OM, 11.0 CEC
PEST MANAGEMENT:	Zidua, Intensity, Laudis, Status, Warrant
FERTILITY - Applied N:	32 Fall, 150 Sidedress, Manure fall applied, 10lb. Boron, 4lb.
Applied N-P-K (units):	182-50-146
SEEDED - RATE - ROW:	Apr 20 34.0 /A 30" spacing
HARVESTED - STAND:	Sep 28 34.6 /A

TEST COMMENTS:

This location was planted mid-April in a cover crop, just before the spring snow. Emergence was slow, but the overall populations were good. Above-average summer rainfall and a dual fungicide application promoted high yields and excellent plant health. Plant height was average to below average, which resulted in no lodging throughout the trial. Moistures were a little higher than expected, as a result of the late fungicide application. Great test with great yields. Great cooperators! A replicate in the full-season test was removed due to high variance.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Specialty	39A569 ↗	STX	109	299.5	19.7	1	34.9	1464	1
Wyckoff	2584 VT2P RIB ↗	VT2P	108	284.1	19.7	1	32.9	1389	2
FS InVision	FS 5909D2A EZR ↗	5222A	109	283.3	21.7	1	35.9	1368	3
Wyckoff	2583 TRE RIB ↗	TRE	108	279.4	20.7	1	32.9	1358	4
Local Seed	LC0918 SSXRIB ↗	STX	109	277.1	20.3	1	35.1	1350	5
Great Heart	HT-6948VT2P ↗	VT2P	110	276.1	20.6	1	35.1	1343	6
Wyckoff	2634 VT2P RIB ↗	VT2P	110	272.6	21.3	1	34.3	1320	9
NK Brand	NK1082-3220A EZR ↗	3220A	110	271.7	19.4	1	37.3	1331	8
FS InVision	FS 6017V RIB ↗	VT2P	110	271.6	18.9	1	36.6	1335	7
Dairyland	DS-4878AM ↗	AM	108	269.1	19.3	1	33.6	1319	10
Augusta	A1259-5222 ↗	5222	109	267.2	21.3	1	32.9	1293	12
Dairyland	DS-4510Q ↗	QR	105	266.9	19.8	1	34.4	1304	11
Purple Ribbon	21A09VT2PRIB ↗	VT2P	109	263.1	19.2	1	33.6	1290	13
Dairyland	DS-4917AM ↗	AM	109	263.0	19.2	1	32.9	1289	14
Local Seed	LC0707 DGVT2PRIB ↗	VT2PDG	107	262.9	19.6	1	33.6	1287	15
Dyna-Gro	D50VC09 ↗	VT2P	110	262.2	19.2	1	35.1	1286	16
Ebberts	7209TR RIB ↗	TRE	108	258.7	20.3	1	36.6	1260	17
Dyna-Gro	D50VC78 ↗	VT2P	109	256.7	20.1	1	35.9	1252	19
FS InVision	FS 5815V RIB ↗	VT2P	108	256.5	19.3	1	38.1	1257	18
Ebberts	6138VT2P RIB ↗	VT2P	108	254.5	20.3	1	34.4	1240	22
Purple Ribbon	21A08VT2PRIB ↗	VT2P	108	253.8	19.2	1	37.3	1244	21
Augusta	A1060-3330 ↗	3330	110	251.2	21.2	1	32.9	1217	29
Augusta	A1457-5122-EZ ↗	5122	107	250.7	20.3	1	35.9	1221	25
Local Seed	LC0999 VT2PRIB ↗	VT2P	109	250.6	19.4	1	32.9	1228	23
Local Seed	LC1009 VT2PRIB ↗	VT2P	110	250.1	20.1	1	34.4	1220	26
Dairyland	DS-4840AM ↗	AM	108	248.8	20.2	1	33.6	1213	31
Local Seed	LC0607 TCRIB ↗	TRE	106	248.7	19.9	1	39.6	1215	30
Ebberts	6626VT2P RIB ↗	VT2P	106	248.0	18.1	1	31.4	1224	24
Becks	5994V2P GC ↗	VT2P	109	247.8	18.9	1	33.9	1218	27
FS InVision	FS 5704V RIB ↗	VT2P	107	246.9	18.3	1	35.8	1218	28
Pioneer	P1108Q CK	QR	111	255.7	20.3	1	33.6	1245	20
				Averages =	257.0	20.0	1	34.6	1255
				LSD (0.10) =	18.3	ns	ns		
				LSD (0.25) =	9.6	ns	ns		
				C.V. =	7.8	Historic yield: 199.52 bu/a, 20 yr(s)			

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.03

Report Date: 09/30/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Gordon & Jeff Smiley, Decatur County, IN 47240

Full-Season Test	111 - 114 Day CRM B2021INCE01b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Zidua, Cloak, Roundup, Warrant, Magistrate, Liberty
SOIL DESCRIPTION:	Fincastle/Millsdale silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.5 pH, 2.7% OM, 11.0 CEC
PEST MANAGEMENT:	Zidua, Intensity, Laudis, Status, Warrant
FERTILITY - Applied N:	32 Fall, 150 Sidedress, Manure fall applied, 10lb. Boron, 4lb.
Applied N-P-K (units):	182-50-146
SEEDED - RATE - ROW:	Apr 20 34.0 /A 30" spacing
HARVESTED - STAND:	Sep 28 34.1 /A

TEST COMMENTS:

This location was planted mid-April in a cover crop, just before the spring snow. Emergence was slow, but the overall populations were good. Above-average summer rainfall and a dual fungicide application promoted high yields and excellent plant health. Plant height was average to below average, which resulted in no lodging throughout the trial. Moistures were a little higher than expected, as a result of the late fungicide application. Great test with great yields. Great cooperators! A replicate in the full-season test was removed due to high variance.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6107T RIB ↗	TRE	111	294.8	22.8	1	36.8	1414	1
Wyckoff	2668 VT2P RIB ↗	VT2P	111	291.7	23.0	1	34.8	1397	2
FS InVision	FS 6194V RIB ↗	VT2P	111	290.5	23.4	1	33.8	1388	3
Specialty	43A311 ↗	STX	113	288.4	24.8	1	34.8	1366	6
Local Seed	LC1497 DGVT2PRIB ↗	VT2PDG	114	287.2	22.2	1	30.9	1382	4
Becks	6374V2P GC ↗	VT2P	113	285.2	22.0	1	35.9	1375	5
Dairyland	DS-5144Q ↗	QR	111	284.5	24.7	1	31.4	1349	8
Ebberts	7722TR RIB ↗	TRE	112	283.5	22.3	1	30.9	1364	7
Great Heart	HT-7302VT2P ↗	VT2P	113	282.7	23.9	1	33.8	1347	9
Ebberts	6883DGVT2P RIB ↗	VT2PDG	112	280.0	24.2	1	36.8	1331	10
Dyna-Gro	D54VC34 ↗	VT2P	114	276.6	25.3	1	34.9	1306	17
Dairyland	DS-5250AM ↗	AM	112	275.9	23.4	1	30.9	1318	12
Dyna-Gro	D53SS13 ↗	STX	113	275.4	22.9	1	35.8	1320	11
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	274.6	23.7	1	33.8	1309	14
Wyckoff	2669 SS RIB ↗	STX	111	274.5	23.7	1	35.8	1309	15
FS InVision	FS 6306T RIB ↗	TRE	113	273.7	23.4	1	30.9	1308	16
Augusta	A6362-5122-EZ ↗	5122	112	273.5	22.0	1	38.8	1318	13
Dairyland	DS-5279Q ↗	QR	112	273.2	23.4	1	33.9	1305	18
Dairyland	DS-5323AM ↗	AM	113	272.8	23.3	1	35.8	1304	19
Purple Ribbon	22A10VT2P ↗	VT2P	110	271.9	23.6	1	30.9	1298	20
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	271.3	24.6	1	34.8	1287	22
Purple Ribbon	22A12VT2PRIB ↗	VT2P	112	270.5	25.5	1	30.9	1275	24
Local Seed	LC1398 VT2PRIB ↗	VT2P	113	270.0	22.8	1	30.9	1295	21
Specialty	41A091 ↗	STX	111	267.3	25.5	1	34.9	1261	26
Local Seed	LC1307 TCRIB ↗	TRE	113	266.5	22.9	1	34.8	1277	23
Great Heart	HT-7148TRE ↗	TRE	111	266.0	24.9	1	32.8	1259	27
Wyckoff	2646 SS RIB ↗	STX	112	263.9	23.1	1	35.8	1263	25
Purple Ribbon	22R13DGVT2PRIB ↗	VT2P	113	262.1	24.4	1	34.8	1245	28
NK Brand	NK1188-5122 EZR ↗	5122	111	258.1	22.4	1	35.9	1241	30
NK Brand	NK1349-3220 EZR ↗	3220	113	253.9	21.6	1	37.8	1227	31
Pioneer	P1108Q CK	QR	111	261.4	24.2	1	34.8	1243	29
				Averages =	268.8	23.5	1	34.1	1284
				LSD (0.10) =	21.3	ns	ns		
				LSD (0.25) =	11.1	ns	ns		
				C.V. =	7.5				
				Historic yield: 199.52 bu/a, 20 yr(s)					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.03

Report Date: 09/30/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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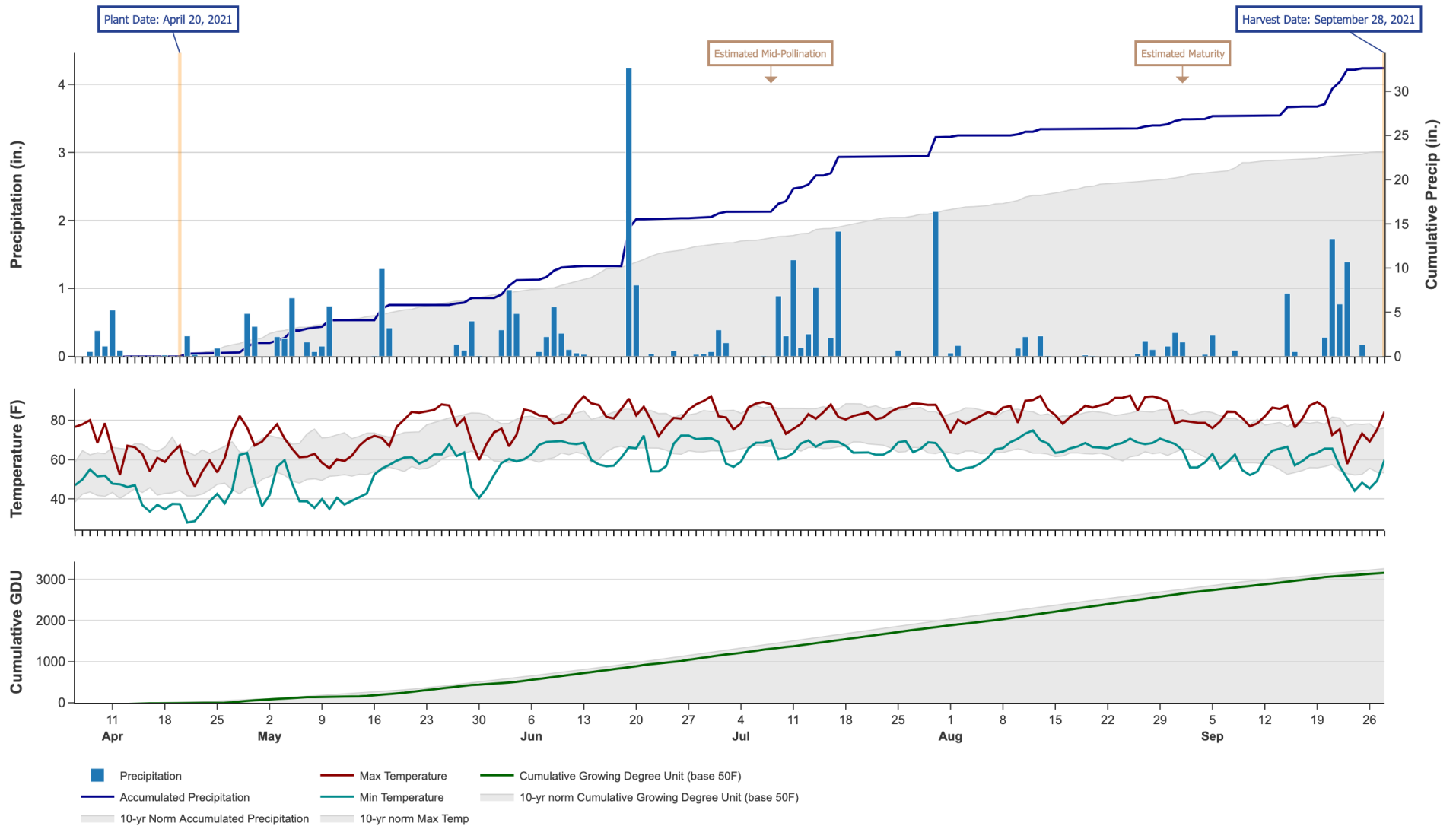
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2021 Corn - Indiana Central [INCE]

Weather Conditions Summary at GREENSBURG, IN

Weather Data Retrieved: 09/30/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	2.9 4.2 (-1.3)	5.1 4.9 (+0.2)	9.2 5.8 (+3.3)	9.0 3.8 (+5.2)	1.8 3.7 (-1.9)	6.0 3.0 (+3.0)	34.0 25.6 (+8.5)
GDU Normal (Diff)	173 184 (-11)	386 461 (-75)	682 682 (0)	744 797 (-53)	769 730 (+38)	520 514 (+5)	3274 3370 (-96)



* 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.

2021 Corn - Indiana Central [INCE]

Early-Season Test Products (39 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Augusta	A1457-5122-EZ	5122	Y	107	AC250
Augusta	A3758-3220-EZ	3220	Y	108	AVC,C5
Augusta	A4858-5122-EZ	5122	Y	108	CM,C2
Becks	5994V2P GC	VT2P	Y	109	Es
Dairyland	DS-4510Q	QR	Y	105	Lum,P1V
Dairyland	DS-4840AM	AM	Y	108	Lum,P1V
Dairyland	DS-4878AM	AM	Y	108	Lum,P1V
Dairyland	DS-4917AM	AM	Y	109	Lum
Dairyland	DS-5018AM	AM	Y	110	Lum,P1V
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V
Dyna-Gro	D50VC78	VT2P	N	109	AC,P5V
Ebberts	6138VT2P RIB	VT2P	Y	108	AC250,Ri
Ebberts	6626VT2P RIB	VT2P	Y	106	AC250,Ri
Ebberts	7209TR RIB	TRE	Y	108	AC250,Ri
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V,EDC-EL
FS InVision	FS 5909D2A EZR	5222A	Y	109	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
Great Heart	HT-6948VT2P	VT2P	N*	110	AC,P5V
Local Seed	LC0607 TCRIB	TRE	Y	106	RA
Local Seed	LC0707 DGVT2PRIB	VT2PDG	Y	107	RA
Local Seed	LC0918 SSXRIB	STX	Y	109	AC,P5V,EDC-EL
Local Seed	LC0999 VT2PRIB	VT2P	Y	109	RA
Local Seed	LC1009 VT2PRIB	VT2P	Y	110	RA
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
Pioneer	P1099Q GC	QR	Y	110	Lum
Pioneer	P1108Q CK	QR	Y	111	Lum
Purple Ribbon	21A08VT2PRIB	VT2P	Y	108	AC,P2
Purple Ribbon	21A09VT2PRIB	VT2P	Y	109	AC,P2
Specialty	39A569	STX	Y	109	AC,P5V,EDC-B
Wyckoff	2581 3220 EZ	3220	Y	108	CM,C5,Vi
Wyckoff	2583 TRE RIB	TRE	Y	108	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.

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyckoff	2584 VT2P RIB	VT2P	Y	108	AC,P5V
Wyckoff	2587 VT2P RIB	VT2P	Y	108	AC,P2
Wyckoff	2634 VT2P RIB	VT2P	Y	110	AC,P5V

2021 Corn - Indiana Central [INCE]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A6162-5222-EZ	5222	Y	112	CM,C2
Augusta	A6362-5122-EZ	5122	Y	112	AVC,C5,Vi
Becks	6282AM GC	AM	Y	112	Es
Becks	6374V2P GC	VT2P	Y	113	Es
Dairyland	DS-5144Q	QR	Y	111	Lum,P1V
Dairyland	DS-5250AM	AM	Y	112	Lum,P1V
Dairyland	DS-5279Q	QR	Y	112	Lum,P1V
Dairyland	DS-5323AM	AM	Y	113	Lum,P1V
Dyna-Gro	D53SS13	STX	N	113	AC,P5V
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Ebberts	6883DGVT2P RIB	VT2PDG	Y	112	AC250,Ri
Ebberts	7722TR RIB	TRE	Y	112	AC250,Ri
FS InVision	FS 6107T RIB	TRE	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6299L2 EZR	3220	Y	112	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
Great Heart	HT-7148TRE	TRE	Y	111	AC,P5V
Great Heart	HT-7302VT2P	VT2P	Y	113	AC,P5V
Local Seed	LC1307 TCRIB	TRE	Y	113	RA
Local Seed	LC1398 VT2PRIB	VT2P	Y	113	RA
Local Seed	LC1407 VT2PRIB	VT2P	Y	114	RA
Local Seed	LC1497 DGVT2PRIB	VT2PDG	Y	114	RA
NK Brand	NK1188-5122 EZR	5122	Y	111	AVC,C5,Vi
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1349-3220 EZR	3220	Y	113	AVC,C5,Vi
Pioneer	P1108Q CK	QR	Y	111	Lum
Pioneer	P1185AM GC	AM	Y	111	Lum
Purple Ribbon	22A10VT2P	VT2P	N	110	AC,P2
Purple Ribbon	22A12VT2PRIB	VT2P	Y	112	AC,P2
Purple Ribbon	22R13DGVT2PRIB	VT2P	Y	113	AC,P2
Specialty	41A091	STX	Y	111	AC,P5V,EDC-B
Specialty	41DT911	TRE	Y	111	AC,P5,B360
Specialty	43A311	STX	Y	113	AC,P5V,EDC-B
Specialty	43G549	VT2PDG	Y	113	AC,P5,B360
Wyckoff	2646 SS RIB	STX	Y	112	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyckoff	2667 DGVT2P RIB	VT2PDG	Y	111	AC,P2
Wyckoff	2668 VT2P RIB	VT2P	Y	111	AC,P2
Wyckoff	2669 SS RIB	STX	Y	111	AC,P5V
Wyckoff	2679 DGVT2P RIB	VT2PDG	Y	112	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

3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC250,Ri	Acceleron® 250, Rizolex
AC,P2	Acceleron® 250
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
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
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
Es	Escalate
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
RA	Radius 500 (Local Seed Co)
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.