

Test by: Effingham, IL

2021 Corn Grain Top 30 Harvest Report

Indiana South [INSO] RADCLIFF, KY
Billy & Jerry Sipes, Hardin County, KY

Early-Season Test	107 - 113 Day CRM B2021INSO02a
Top 30 of 31	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Dicamba
SOIL DESCRIPTION:	Elk Silt Loam silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, low P, very low K, 6.3 pH, 2.5% OM, 8.4 CEC
PEST MANAGEMENT:	Roundup, Salvo, Zidua, Strikeforce, Ignite, Molasses, Halex, Trivapro
FERTILITY - Applied N:	80 Spring, 100 Sidedress
Applied N-P-K (units):	180-80-80
SEEDED - RATE - ROW:	May 17 32.0 /A 30" spacing
HARVESTED - STAND:	Nov 9 35.4 /A

TEST COMMENTS:

This location was planted into a perfect no-till environment in May. Emergence was excellent. Plant health was exceptional. Late season plant intactness was great. There was no lodging throughout the test. A perfect growing season encouraged high yields. Moistures and yields were very consistent with the surrounding fields. Great test with a great new cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1108Q GC ↗	QR	111	279.1	17.4	1	35.8	1437	1
NuTech	68A7AM ↗	AM	108	277.1	16.7	1	37.3	1433	2
Dyna-Gro	D51VC67 GC ↗	VT2P	110	274.0	17.0	1	36.8	1414	3
DeKalb	DKC62-53RIB GC ↗	VT2P	112	272.9	17.3	1	37.3	1406	5
DeKalb	DKC63-57RIB GC ↗	VT2P	113	272.8	17.1	1	38.1	1407	4
Golden Harvest	G11V76-3120 EZR ↗	3120	111	272.8	17.4	1	35.8	1404	6
NuTech	72D4AM ↗	AM	112	272.3	17.4	1	36.6	1402	8
NuTech	70A8AM ↗	AM	110	271.9	16.9	1	37.3	1404	7
Dyna-Gro	D50VC09 GC ↗	VT2P	110	271.0	17.0	1	36.8	1398	9
Stewart	11DT792 ↗	TRE	111	268.0	16.5	1	32.9	1387	10
Local Seed	LC1307 TCRIB GC ↗	TRE	113	267.0	17.3	1	32.1	1375	11
Augusta	A3363 VT2PDG ↗	VT2PDG	113	266.0	17.4	1	34.4	1370	12
Dyna-Gro	D54VC14 ↗	VT2P	113	265.6	17.3	1	34.4	1368	13
NuTech	70F2Q ↗	QR	110	265.2	17.3	1	36.6	1366	15
DeKalb	DKC63-91RIB GC ↗	VT2P	113	264.9	16.9	1	33.6	1368	14
Stewart	09DP409 ↗	VT2P	109	263.5	17.0	1	34.3	1359	16
Local Seed	LC1398 VT2PRIB GC ↗	VT2P	113	263.4	17.6	1	34.8	1355	18
DeKalb	DKC59-82RIB GC ↗	VT2P	109	263.0	17.0	1	37.3	1357	17
Pioneer	P1185AM GC ↗	AM	111	262.5	17.1	1	32.9	1353	19
Stewart	13DD360 ↗	VT2PDG	113	261.6	17.0	1	34.4	1350	20
Augusta	A1060-3330 ↗	3330	110	260.0	17.2	1	34.4	1340	21
Augusta	A6362-5122-EZ ↗	5122	112	258.2	17.4	1	38.1	1329	22
Augusta	A1259-5222 ↗	5222	109	257.5	16.9	1	32.9	1329	23
Golden Harvest	G07G73-5122 EZR ↗	5122	107	255.5	16.6	1	33.6	1322	24
NuTech	69B9Q ↗	QR	109	254.8	16.9	1	37.3	1316	25
Golden Harvest	G13P84-3120 EZR ↗	3120	113	252.7	17.4	1	33.6	1301	26
NK Brand	NK1321-3120 EZR ↗	3120	113	252.2	17.6	1	33.6	1297	27
Golden Harvest	G10L16-5222 EZR ↗	5222	110	249.5	16.7	1	34.3	1290	28
NK Brand	NK1082-3220A EZR ↗	3220A	110	244.4	16.8	1	36.6	1262	29
NK Brand	NK1349-3220 EZR ↗	3220	113	244.1	17.1	1	35.9	1259	30

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Averages = **262.4** **17.1** **1** **35.4** **1355**

LSD (0.10) = 11.5 0.3 ns

LSD (0.25) = 6.0 0.2 ns

C.V. = 4.8

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$5.22

Report Date: 11/10/2021

† 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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Test by: Effingham, IL

2021 Corn Grain Top 30 Harvest Report

Indiana South [INSO] RADCLIFF, KY
Billy & Jerry Sipes, Hardin County, KY

Full-Season Test	114 - 120 Day CRM B2021INSO02b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Dicamba
SOIL DESCRIPTION:	Elk Silt Loam silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, low P, very low K, 6.3 pH, 2.5% OM, 8.4 CEC
PEST MANAGEMENT:	Roundup, Salvo, Zidua, Strikeforce, Ignite, Molasses, Halex, Trivapro
FERTILITY - Applied N:	80 Spring, 100 Sidedress
Applied N-P-K (units):	180-80-80
SEEDED - RATE - ROW:	May 17 32.0 /A 30" spacing
HARVESTED - STAND:	Nov 9 35.2 /A

TEST COMMENTS:

This location was planted into a perfect no-till environment in May. Emergence was excellent. Plant health was exceptional. Late season plant intactness was great. There was no lodging throughout the test. A perfect growing season encouraged high yields. Moistures and yields were very consistent with the surrounding fields. Great test with a great new cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG5650VT2RIB GC ↗	VT2P	115	288.2	18.2	1	36.6	1477	1
Augusta	A7168 VT2P GC ↗	VT2P	116	287.0	18.8	1	36.6	1466	2
Augusta	A7268 VT2P GC ↗	VT2P	118	284.7	18.9	1	33.6	1453	3
Stewart	15DP519 ↗	VT2P	115	283.2	18.8	1	37.3	1446	4
NuTech	77A5AM ↗	AM	117	280.5	18.6	1	33.6	1434	5
Dyna-Gro	D55VC80 ↗	VT2P	115	277.2	18.8	1	32.9	1415	7
DeKalb	DKC70-27RIB GC ↗	VT2P	120	277.2	19.3	1	36.6	1411	8
LG Seeds	LG5643VT2RIB GC ↗	VT2P	113	276.0	18.0	1	35.8	1416	6
DeKalb	DKC67-44RIB GC ↗	VT2P	117	273.8	18.8	1	30.6	1398	10
Pioneer	P1903AM GC ↗	AM	119	273.5	19.5	1	35.1	1390	13
Dyna-Gro	D58VC65 GC ↗	VT2P	118	273.2	18.3	1	34.4	1399	9
Stewart	18DP682 ↗	VT2P	118	272.9	18.8	1	34.8	1394	12
Dyna-Gro	D54VC34 GC ↗	VT2P	114	271.9	18.0	1	35.9	1395	11
Pioneer	P2042AML GC ↗	AML	120	271.5	19.4	1	33.8	1382	14
Local Seed	LC1616 TCRIB GC ↗	TRE	116	269.5	18.4	1	35.8	1380	15
DeKalb	DKC66-18RIB GC ↗	VT2P	116	267.3	17.7	1	36.6	1373	16
Stewart	14DD339 ↗	VT2PDG	114	264.2	17.8	1	32.9	1357	17
Pioneer	P1548AM GC ↗	AM,AQ	115	263.5	18.5	1	36.6	1348	18
NuTech	74A9AM ↗	AM	114	261.0	18.0	1	38.1	1338	19
NuTech	74F3AM ↗	AM	114	260.1	18.7	1	33.6	1329	21
Pioneer	P2089AML GC ↗	AML	120	259.7	19.2	1	34.4	1323	22
DeKalb	DKC65-95RIB GC ↗	VT2P	115	259.5	18.1	1	33.6	1330	20
Stewart	15DT652 ↗	TRE	115	258.4	18.5	1	35.1	1322	23
Stewart	17DP781 ↗	VT2P	117	258.1	18.9	1	35.1	1317	24
NK Brand	NK1748-3110 EZR ↗	3110	117	256.1	18.9	1	34.3	1307	25
NuTech	74B6AM ↗	AM	114	250.9	17.6	1	37.3	1290	26
Pioneer	P1563AM GC ↗	AM	115	248.4	19.1	1	34.4	1266	27
NuTech	75G1AM GC ↗	AM	115	246.4	18.8	1	33.6	1258	28
Local Seed	LC1407 VT2PRIB GC ↗	VT2P	114	245.4	18.4	1	37.3	1255	29
NK Brand	NK1661-3120A EZR ↗	3120A	116	244.1	18.2	1	35.9	1251	30

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Averages = **264.7** **18.5** **1** **35.2** **1354**

LSD (0.10) = 13.6 0.5 ns

LSD (0.25) = 7.1 0.2 ns

C.V. = 5.6

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$5.22

Report Date: 11/10/2021

† 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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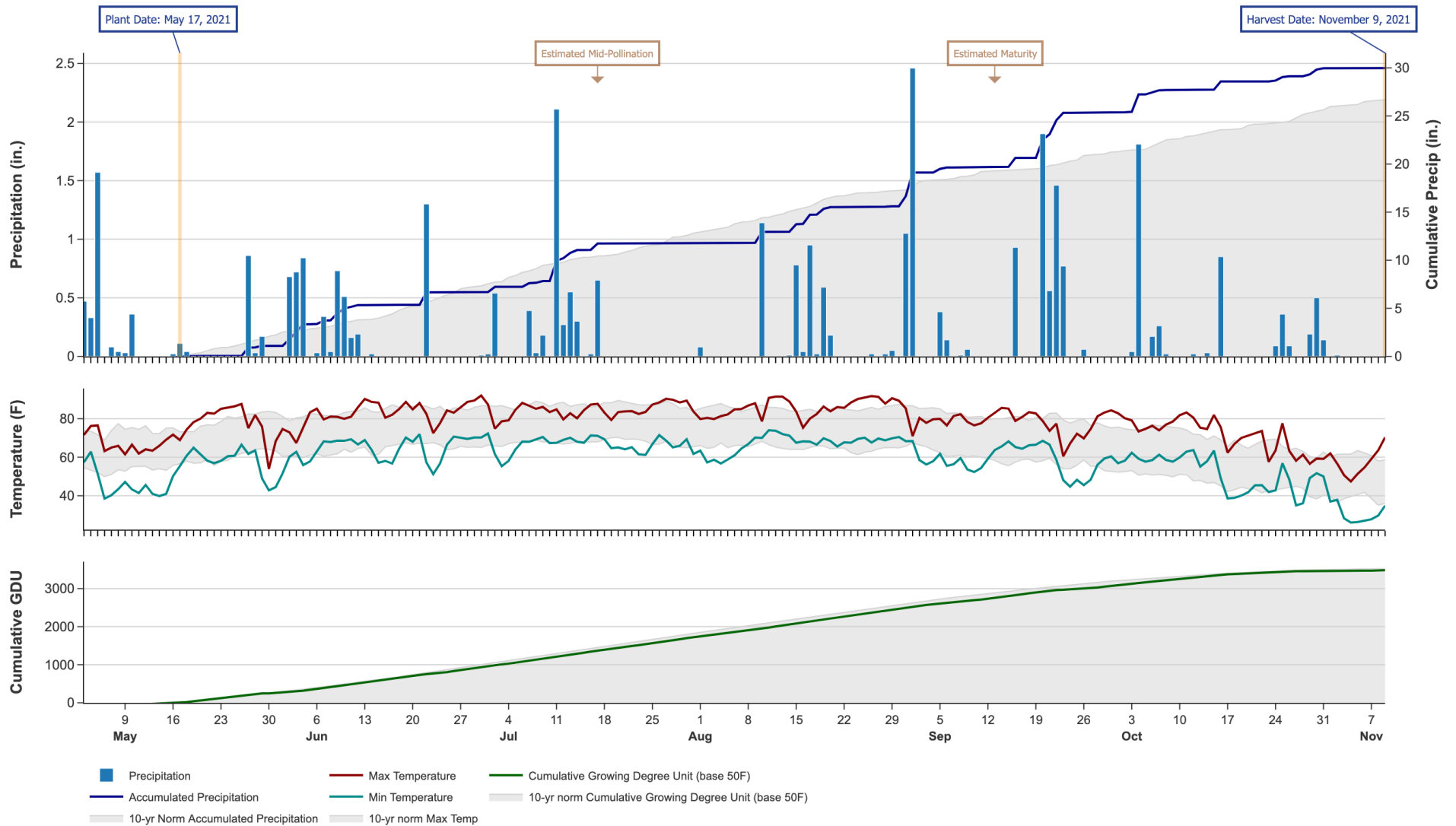
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2021 Corn - Indiana South [INSO]

Weather Conditions Summary at RADCLIFF, KY

Weather Data Retrieved: 11/10/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	4.1 5.5 (-1.4)	5.6 5.1 (+0.5)	5.1 5.5 (-0.4)	4.9 4.5 (+0.4)	8.7 4.0 (+4.8)	4.6 4.4 (+0.2)	0.0 1.0 (-1.0)	33.0 29.9 (+3.0)
GDU Normal (Diff)	402 484 (-82)	688 717 (-29)	776 828 (-52)	793 777 (+15)	559 595 (-36)	398 301 (+96)	10 23 (-13)	3626 3728 (-102)



* 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 South [INSO]

Early-Season Test Products (31 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	A3363 VT2PDG	VT2PDG	N	113	CM,C2
Augusta	A6162-5222-EZ	5222	Y	112	CM,C2
Augusta	A6362-5122-EZ	5122	Y	112	AVC,C5
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5,B360
DeKalb	DKC62-53RIB GC	VT2P	Y	112	AC,P5,B360
DeKalb	DKC63-57RIB GC	VT2P	Y	113	AC,P5,B360
DeKalb	DKC63-91RIB GC	VT2P	Y	113	AC,P5,B360
Dyna-Gro	D50VC09 GC	VT2P	N	110	AC,P5V
Dyna-Gro	D51VC67 GC	VT2P	N	110	AC,P5V
Dyna-Gro	D54VC14	VT2P	N	113	AC,P5V
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G10L16-5222 EZR	5222	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-3120 EZR	3120	Y	111	AVC,C5,Vi
Golden Harvest	G13P84-3120 EZR	3120	Y	113	AVC,C5,Vi
Local Seed	LC1307 TCRIB GC	TRE	Y	113	RA
Local Seed	LC1398 VT2PRIB GC	VT2P	Y	113	RA
NK Brand	NK1082-3220A EZR	3220A	Y	110	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
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	69B9Q	QR	Y	109	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
NuTech	72D4AM	AM	Y	112	Lum,P1V
Pioneer	P1108Q GC	QR	Y	111	Lum
Pioneer	P1185AM GC	AM	Y	111	Lum
Stewart	09DP409	VT2P	Y	109	AC,P2,B360
Stewart	11DT792	TRE	Y	111	AC,P5,B360
Stewart	13DD360	VT2PDG	Y	113	AC,P5,B360

* 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.

2021 Corn - Indiana South [INSO]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A5065-3110GT GC	3110	N	115	CM,C2
Augusta	A7168 VT2P GC	VT2P	N	116	CM,C2
Augusta	A7268 VT2P GC	VT2P	N*	118	CM,C2
DeKalb	DKC65-95RIB GC	VT2P	Y	115	AC,P5,B360
DeKalb	DKC66-18RIB GC	VT2P	Y	116	AC,P5,B360
DeKalb	DKC67-44RIB GC	VT2P	Y	117	AC,P5,B360
DeKalb	DKC70-27RIB GC	VT2P	Y	120	Treated
Dyna-Gro	D54VC34 GC	VT2P	N	114	AC,P5V
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5V
Dyna-Gro	D58VC65 GC	VT2P	Y	118	AC,P5V
Golden Harvest	G16Q82-3120A EZR	3120A	Y	116	AVC,C5,Vi
LG Seeds	LG5643VT2RIB GC	VT2P	Y	113	Treated
LG Seeds	LG5650VT2RIB GC	VT2P	Y	115	Treated
Local Seed	LC1407 VT2PRIB GC	VT2P	Y	114	RA
Local Seed	LC1616 TCRIB GC	TRE	Y	116	RA
NK Brand	NK1661-3120A EZR	3120A	Y	116	AVC,C5,Vi
NK Brand	NK1748-3110 EZR	3110	Y	117	AVC,C5,Vi
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V
NuTech	75G1AM GC	AM	Y	115	Lum,P1V
NuTech	77A5AM	AM	Y	117	Lum,P1V
Pioneer	P1548AM GC	AM,AQ	Y	115	Lum
Pioneer	P1563AM GC	AM	Y	115	Lum
Pioneer	P1903AM GC	AM	N*	119	Lum
Pioneer	P2042AML GC	AML	N*	120	Lum
Pioneer	P2089AML GC	AML	N*	120	Lum
Stewart	14DD339	VT2PDG	Y	114	AC,P2,B360
Stewart	15DP519	VT2P	Y	115	AC,P2,B360
Stewart	15DT652	TRE	Y	115	AC,P5,B360
Stewart	17DP781	VT2P	Y	117	AC,P5,B360
Stewart	18DP682	VT2P	Y	118	AC,P5,B360

* 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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3120	Agrisure® 3120 (CB,HX,LL,GT)
3120A	Agrisure® Artesian® 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
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AQ	Optimum® AQUAmax®
QR	Qrome™
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
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
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.