

Test by: Effingham, IL

2021 Corn Grain Top 30 Harvest Report

Indiana South [INSO] MADISONVILLE, KY
Allen LeGrand, Hopkins County, KY

Early-Season Test	107 - 113 Day CRM B2021INSO01a
Top 30 of 31	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Canopy, Roundup, Rifle
SOIL DESCRIPTION:	Belknap sandy clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, soil test TDB
PEST MANAGEMENT:	Roundup, Princep, Degree Xtra
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-115-150
SEEDED - RATE - ROW:	Apr 16 32.0 /A 30" spacing
HARVESTED - STAND:	Sep 8 37.0 /A

TEST COMMENTS:

This trial was planted in mid-April in perfect conditions. The location had high stand counts and tremendous plant health. The cooperater stated that they experienced a little high heat weather event, which might have affected overall yields. This was a great test on well-managed ground with a great cooperater. Note: planter seeded at a higher rate than it was set, resulting in higher stand populations.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DeKalb	DKC62-53RIB GC ↗	VT2P	112	290.2	25.4	1	34.8	1375	4
Pioneer	P1185AM GC ↗	AM	111	289.5	23.3	1	35.8	1390	2
Local Seed	LC1398 VT2PRIB GC ↗	VT2P	113	286.9	23.7	1	39.8	1374	5
NuTech	70F2Q ↗	QR	110	285.9	21.1	1	40.8	1392	1
Dyna-Gro	D50VC09 GC ↗	VT2P	110	285.4	22.3	1	35.8	1379	3
Dyna-Gro	D54VC14 ↗	VT2P	113	282.3	23.5	1	35.8	1353	6
Dyna-Gro	D51VC67 GC ↗	VT2P	110	281.9	23.6	1	38.8	1351	7
DeKalb	DKC63-57RIB GC ↗	VT2P	113	281.3	23.3	1	36.8	1351	8
Stewart	13DD360 ↗	VT2PDG	113	281.1	23.4	1	41.8	1349	9
Augusta	A3363 VT2PDG ↗	VT2PDG	113	279.8	24.2	1	35.8	1336	11
Augusta	A1259-5222 ↗	5222	109	279.4	22.4	1	40.8	1349	10
DeKalb	DKC59-82RIB GC ↗	VT2P	109	278.2	23.2	1	32.9	1336	12
Stewart	09DP409 ↗	VT2P	109	275.2	23.3	1	36.8	1322	13
NK Brand	NK1082-3220A EZR ↗	3220A	110	270.9	22.0	1	37.8	1311	14
Golden Harvest	G10L16-5222 EZR ↗	5222	110	270.3	23.0	1	35.8	1300	15
Augusta	A6162-5222-EZ ↗	5222	112	269.3	23.3	1	32.9	1293	16
Stewart	11DT792 ↗	TRE	111	267.2	22.2	1	35.8	1292	17
DeKalb	DKC63-91RIB GC ↗	VT2P	113	264.7	23.2	1	37.3	1272	19
Augusta	A6362-5122-EZ ↗	5122	112	263.8	22.0	1	39.8	1277	18
NuTech	69B9Q ↗	QR	109	263.4	22.6	1	39.8	1270	20
NK Brand	NK1321-3120 EZR ↗	3120	113	261.7	23.2	1	34.4	1257	22
Augusta	A1060-3330 ↗	3330	110	259.7	23.7	1	37.8	1244	23
NuTech	68A7AM ↗	AM	108	259.3	21.7	1	33.8	1258	21
NK Brand	NK1349-3220 EZR ↗	3220	113	258.1	22.8	1	37.8	1243	24
Pioneer	P1108Q GC ↗	QR	111	256.7	22.6	1	33.8	1238	25
Local Seed	LC1307 TCRIB GC ↗	TRE	113	255.2	23.5	1	33.9	1223	26
NuTech	70A8AM ↗	AM	110	253.5	22.6	1	37.8	1222	27
NuTech	72D4AM ↗	AM	112	251.2	23.0	1	35.8	1208	28
Golden Harvest	G11V76-3120 EZR ↗	3120	111	250.4	22.9	1	36.8	1205	29
Golden Harvest	G13P84-3120 EZR ↗	3120	113	246.7	23.7	1	36.8	1181	30

	Averages =	268.6	23.0	1	37.0	1294
	LSD (0.10) =	18.2	ns	ns		
	LSD (0.25) =	9.5	ns	ns		
	C.V. =	6.4				
					Historic yield: new site	

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.05

Report Date: 09/13/2021

† 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] MADISONVILLE, KY
Allen LeGrand, Hopkins County, KY

Full-Season Test	114 - 120 Day CRM B2021INSO01b
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Canopy, Roundup, Rifle
SOIL DESCRIPTION:	Belknap sandy clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, soil test TDB
PEST MANAGEMENT:	Roundup, Princep, Degree Xtra
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-115-150
SEEDED - RATE - ROW:	Apr 16 32.0 /A 30" spacing
HARVESTED - STAND:	Sep 8 35.9 /A

TEST COMMENTS:

This trial was planted in mid-April in perfect conditions. The location had high stand counts and tremendous plant health. The cooperater stated that they experienced a little high heat weather event, which might have affected overall yields. This was a great test on well-managed ground with a great cooperater. Note: planter seeded at a higher rate than it was set, resulting in higher stand populations.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1548AM GC ↗	AM,AQ	115	295.0	25.4	1	37.8	1398	1
NuTech	77A5AM ↗	AM	117	289.8	28.3	1	34.4	1348	4
Stewart	14DD339 ↗	VT2PDG	114	289.8	26.4	1	37.3	1364	2
Stewart	15DP519 ↗	VT2P	115	286.3	25.6	1	35.8	1355	3
LG Seeds	LG5643VT2RIB GC ↗	VT2P	113	283.0	24.9	1	32.9	1345	5
Dyna-Gro	D55VC80 ↗	VT2P	115	281.8	27.1	1	36.8	1321	7
DeKalb	DKC66-18RIB GC ↗	VT2P	116	281.0	26.3	1	32.9	1324	6
Stewart	17DP781 ↗	VT2P	117	279.7	30.1	1	34.8	1286	12
Augusta	A7268 VT2P GC ↗	VT2P	118	279.2	27.4	1	32.9	1306	8
DeKalb	DKC70-27RIB GC ↗	VT2P	120	278.2	27.5	1	34.9	1301	9
Stewart	18DP682 ↗	VT2P	118	278.0	29.0	1	41.8	1288	11
Local Seed	LC1616 TCRIB GC ↗	TRE	116	277.6	28.4	1	38.8	1290	10
Augusta	A7168 VT2P GC ↗	VT2P	116	277.0	28.9	1	35.8	1283	14
NK Brand	NK1748-3110 EZR ↗	3110	117	273.6	28.2	1	34.9	1273	15
Local Seed	LC1407 VT2PRIB GC ↗	VT2P	114	273.1	26.6	1	34.8	1284	13
DeKalb	DKC65-95RIB GC ↗	VT2P	115	269.5	27.2	1	32.9	1262	18
Stewart	15DT652 ↗	TRE	115	268.8	26.6	1	35.8	1264	17
Pioneer	P1903AM GC ↗	AM	119	267.5	26.9	1	34.8	1255	20
DeKalb	DKC67-44RIB GC ↗	VT2P	117	267.4	25.3	1	35.8	1268	16
LG Seeds	LG5650VT2RIB GC ↗	VT2P	115	267.2	26.0	1	38.8	1261	19
NuTech	74B6AM ↗	AM	114	262.7	25.7	1	36.8	1242	21
NuTech	74A9AM ↗	AM	114	262.5	27.8	1	38.8	1225	22
Golden Harvest	G16Q82-3120A EZR ↗	3120A	116	253.8	26.8	1	40.8	1192	23
Dyna-Gro	D54VC34 GC ↗	VT2P	114	253.1	29.2	1	38.8	1170	27
Dyna-Gro	D58VC65 GC ↗	VT2P	118	252.5	27.4	1	37.3	1181	25
NK Brand	NK1661-3120A EZR ↗	3120A	116	252.5	26.4	1	33.8	1189	24
NuTech	74F3AM ↗	AM	114	251.8	27.1	1	36.8	1180	26
NuTech	75G1AM GC ↗	AM	115	245.2	25.4	1	33.9	1162	28
Pioneer	P2089AML GC ↗	AML	120	244.7	27.2	1	34.8	1146	29
Pioneer	P2042AML GC ↗	AML	120	244.6	28.1	1	32.9	1139	30

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Averages = **267.2** **27.1** **1** **35.9** **1254**

LSD (0.10) = 22.3 1.7 ns

LSD (0.25) = 11.6 0.9 ns

C.V. = 7.9

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.05

Report Date: 09/13/2021

† 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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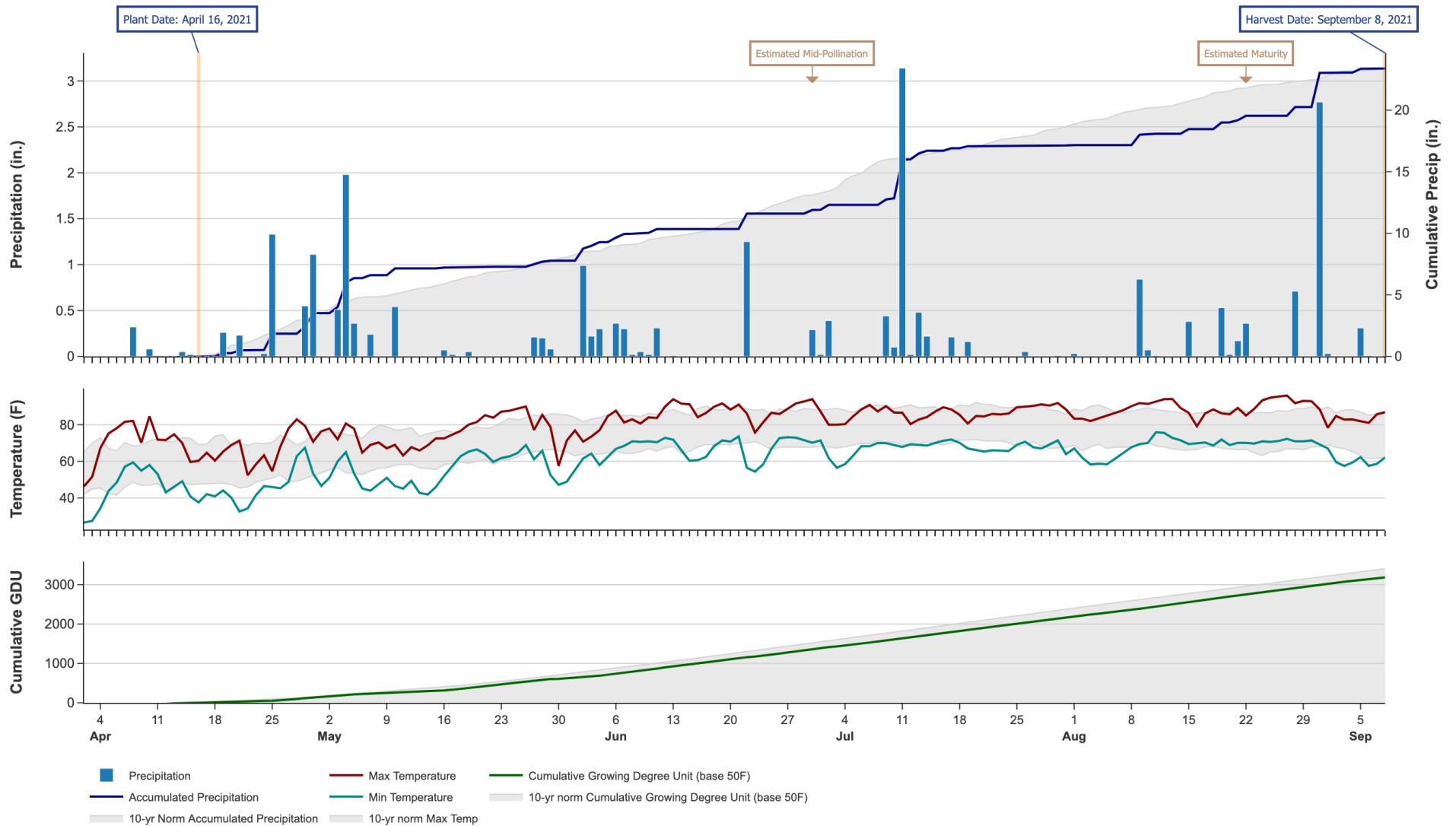
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2021 Corn - Indiana South [INSO]

Weather Conditions Summary at MADISONVILLE, KY

Weather Data Retrieved: 09/13/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	4.0 5.6 (-1.6)	4.3 5.0 (-0.8)	4.1 5.0 (-0.9)	5.2 5.6 (-0.3)	5.9 3.9 (+2.0)	0.4 0.9 (-0.5)	23.9 26.0 (-2.1)
GDU Normal (Diff)	290 300 (-10)	488 584 (-96)	746 783 (-37)	808 860 (-52)	837 822 (+14)	174 202 (-28)	3343 3553 (-210)



* 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.