

Test by: Effingham, IL

2021 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL

Bottomline Seed Solutions, LLC, Klint Tucker, Effingham County, IL 62401

Early-Season Test

107 - 112 Day CRM
B2021ILSO01a

Top 30 of 48

For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB:

Soybeans / Roundup And
Everprex

SOIL DESCRIPTION:

Wynoose/Bluford silt loam,
moderately drained, non-
irrigated

SOIL CONDITION:

Conventional W/ Fall Till, very
high P, very high K, 5.6 pH,
1.8% OM, 8.8 CEC

PEST MANAGEMENT:

Accuron, Impact

FERTILITY - Applied N:

180 Spring, 50 Foliar Rescue,
10 gl ATS

Applied N-P-K (units):

230-250-250

SEEDED - RATE - ROW:

May 8 34.0 /A 30" spacing

HARVESTED - STAND:

Oct 9 38.4 /A

TEST COMMENTS:

This trial was planted in early May. The stands were excellent. Plant heights were medium-tall to tall and standability was excellent. All plants were very healthy, and grain moistures were consistent. With the above-average rainfall, the yields reflected a great growing season. Overall a good test for southern Illinois.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D51VC67 ↗	VT2P	110	284.6	18.4	1	34.3	1417	1
Axis	63H27 ↗	VT2P	112	284.0	18.9	1	40.3	1409	2
Hefty	H6145 TRERIB ↗	TRE	112	279.9	18.7	1	39.6	1391	4
Stone	6072RIB ↗	VT2P	110	279.5	17.8	1	38.1	1397	3
Wyffels	W7416 ↗	VT2P	112	278.8	18.3	1	38.1	1389	6
DeKalb	DKC62-53RIB GC ↗	VT2P	112	278.4	17.8	1	38.1	1391	5
Augusta	A1060-3330 ↗	3330	110	277.7	18.5	1	38.8	1382	7
Renk	RK937VT2P ↗	VT2P	113	276.4	18.0	1	38.1	1379	8
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	274.4	18.8	1	38.1	1363	13
FS InVision	FS 6107T RIB ↗	TRE	111	274.4	18.0	1	39.6	1369	9
FS InVision	FS 6217X RIB ↗	STX	112	274.0	18.5	1	38.1	1364	12
NuTech	72D4AM ↗	AM	112	273.8	17.7	1	38.1	1369	10
Wyffels	W6978RIB ↗	STX	111	273.7	18.0	1	38.8	1366	11
DeKalb	DKC63-57RIB GC ↗	VT2P	113	273.3	18.3	1	37.4	1361	15
Pioneer	P1077AM GC ↗	AM,AQ	110	273.0	17.9	1	39.6	1363	14
Axis	61P24 ↗	VT2P	111	273.0	18.3	1	39.6	1360	16
DeKalb	DKC63-91RIB GC ↗	VT2P	113	270.9	17.7	1	40.3	1354	17
NK Brand	NK1082-3220A EZR ↗	3220A	110	270.7	17.7	1	38.1	1353	18
Great Heart	HT-7148TRE ↗	TRE	111	269.7	18.7	1	38.8	1340	21
Wyffels	W6826RIB ↗	VT2P	111	269.2	17.5	1	37.3	1347	19
DeKalb	DKC59-82RIB GC ↗	VT2P	109	268.4	17.7	1	40.3	1342	20
Axis	63D28 ↗	VT2P	112	267.1	17.9	1	38.1	1334	22
FS InVision	FS 6194V RIB ↗	VT2P	111	267.0	18.5	1	36.6	1328	25
FS InVision	FS 6106X RIB ↗	STX	111	266.8	18.3	1	41.1	1329	23
Stone	1221TRERIB ↗	TRE	112	266.1	17.9	1	36.6	1329	24
Hefty	H6042 RIB ↗	VT2P	110	264.9	17.6	1	38.1	1325	26
Renk	RK882TRE ↗	TRE	111	264.1	18.0	1	34.4	1318	27
Golden Harvest	G11V76-3120 EZR ↗	3120	111	263.7	17.7	1	35.9	1318	28
Axis	62V29 ↗	VT2P	112	263.2	18.7	1	38.8	1308	30
Wyffels	W6906RIB ↗	VT2P	111	262.6	17.6	1	39.6	1314	29

Klint Tucker

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Averages = **265.2** **18.0** **1** **38.4** **1323**

LSD (0.10) = 15.5 ns ns

LSD (0.25) = 8.1 ns ns

C.V. = 6.4

Historic yield: 246.05 bu/a, 3 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.08

Report Date: 10/10/2021

† 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

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Illinois South [ILSO] EFFINGHAM, IL

Bottomline Seed Solutions, LLC, Clint Tucker, Effingham County, IL 62401

Full-Season Test

113 - 117 Day CRM
B2021ILSO01b

Top 30 of 48

For Gross Income
(Sorted by Yield)
Average of (4) Replications

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1.8% OM, 8.8 CEC

PEST MANAGEMENT:

Accuron, Impact

FERTILITY - Applied N:

180 Spring, 50 Foliar Rescue,
10 gl ATS

Applied N-P-K (units):

230-250-250

SEEDED - RATE - ROW:

May 8 34.0 /A 30" spacing

HARVESTED - STAND:

Oct 9 38.7 /A

TEST COMMENTS:

This trial was planted in early May. The stands were excellent. Plant heights were medium-tall to tall and standability was excellent. All plants were very healthy, and grain moistures were consistent. With the above-average rainfall, the yields reflected a great growing season. Overall a good test for southern Illinois.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H6552 ↗	VT2P	115	301.2	22.6	1	40.8	1462	1
FS InVision	FS 6595V RIB ↗	VT2P	115	294.4	21.5	1	37.3	1438	2
ProHarvest	84P93 DGVT2PRIB ↗	VT2PDG	114	289.4	20.7	1	35.1	1421	3
FS InVision	FS 6306T RIB ↗	TRE	113	288.4	21.6	1	37.8	1408	4
ProHarvest	86P23 VT2PRIB ↗	VT2P	116	285.5	21.6	1	37.8	1394	5
Gateway	0714VT2PRIB ↗	VT2P	114	284.1	21.8	1	39.6	1386	6
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	282.1	20.9	1	40.3	1383	7
Hefty	H6423 RIB ↗	VT2PDG	114	279.0	21.3	1	38.8	1365	8
Gateway	0916TRE GC ↗	TRE	116	278.3	21.9	1	39.6	1357	12
Hefty	H6532 VT2PRIB ↗	VT2P	115	277.9	21.2	1	39.6	1360	9
Renk	RK945DGVT2P ↗	VT2PDG	116	277.8	21.2	1	37.3	1360	10
DeKalb	DKC67-94RIB GC ↗	TRE	117	277.7	21.6	1	39.6	1356	14
Wyffels	W8936DGRIB ↗	VT2PDG	117	277.6	21.1	1	37.3	1359	11
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	276.7	20.9	1	40.3	1357	13
Wyffels	W8148RIB ↗	STX	115	276.7	21.6	1	40.3	1351	15
Stone	1512TRERIB ↗	TRE	115	275.9	21.6	1	37.3	1347	17
Stone	6542RIB ↗	VT2P	115	275.7	21.4	1	38.8	1348	16
Renk	RK907SSTX ↗	STX	115	275.3	21.8	1	39.6	1342	18
DeKalb	DKC65-95RIB GC ↗	VT2P	115	274.3	22.2	1	36.6	1334	22
Gateway	9714VT2P GC ↗	VT2P	114	274.1	21.3	1	38.1	1340	19
Great Heart	HT-7443VT2P ↗	VT2P	114	274.1	21.5	1	40.3	1339	20
Wyffels	W7956RIB ↗	VT2P	114	273.3	21.4	1	38.8	1336	21
Great Heart	HT-7337VT2P ↗	VT2P	113	271.5	20.9	1	38.8	1332	23
Dyna-Gro	D55VC80 ↗	VT2P	115	271.0	21.6	1	38.8	1323	24
Burrus	7K64 DGVT2P ↗	VT2PDG	115	269.8	20.9	1	39.6	1323	25
Wyffels	W7876RIB ↗	VT2P	114	269.7	20.9	1	41.1	1322	26
FS InVision	FS 6406X RIB ↗	STX	114	269.1	22.0	1	40.3	1311	27
Stone	DG6382RIB ↗	VT2PDG	113	266.5	20.6	1	39.6	1309	28
Renk	RK915VT2P ↗	VT2P	115	266.3	21.1	1	36.6	1304	29
NuTech	77A5AM ↗	AM	117	265.7	20.9	1	37.3	1303	30

Clint Tucker

Clint Tucker

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Averages = **269.5** **21.3** **1** **38.7** **1320**

LSD (0.10) = 17.1 0.6 ns

LSD (0.25) = 9.0 0.3 ns

C.V. = 7.0

Historic yield: 246.05 bu/a, 3 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.08

Report Date: 10/10/2021

† 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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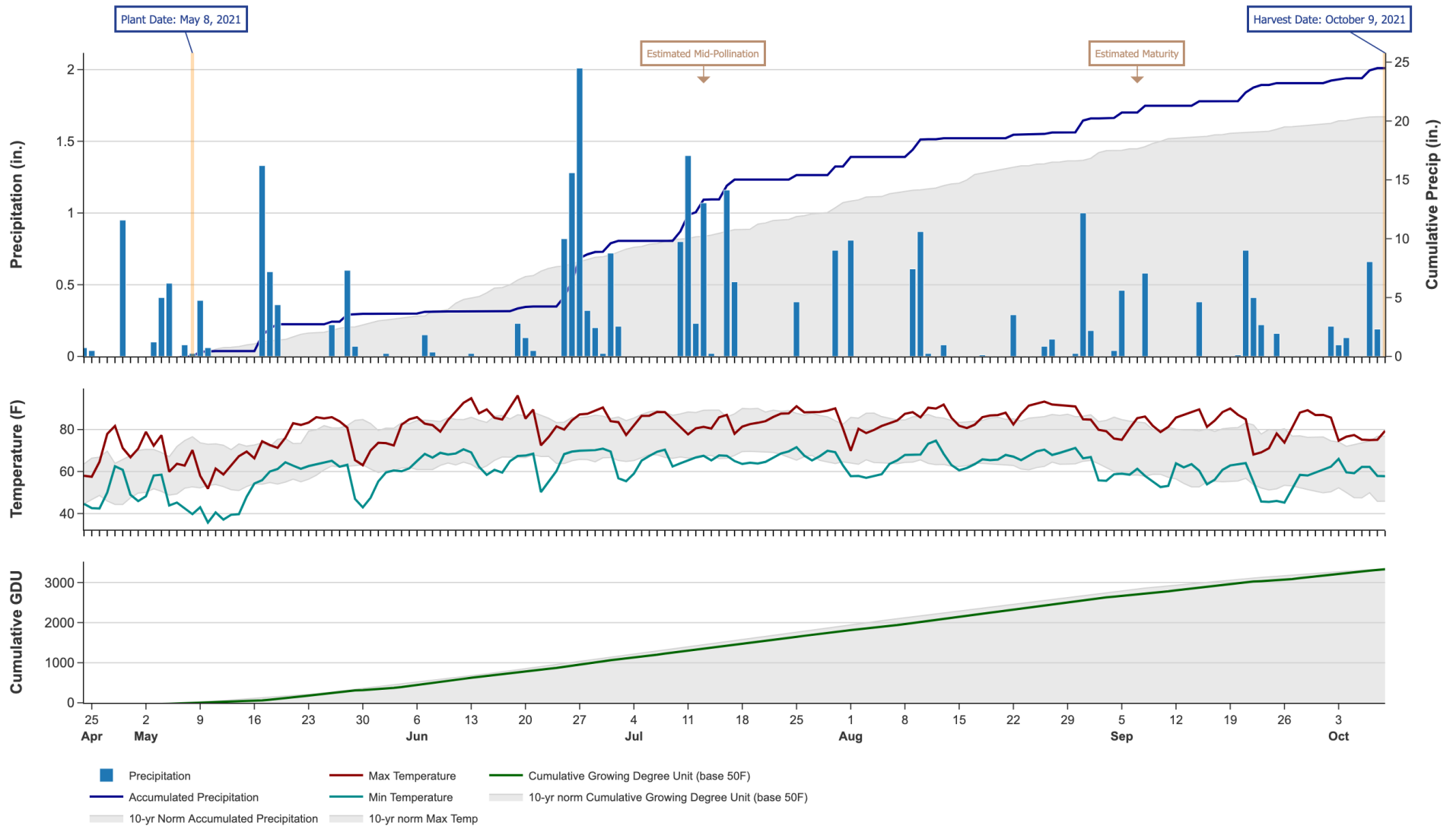
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2021 Corn - Illinois South [ILSO]

Weather Conditions Summary at EFFINGHAM, IL

Weather Data Retrieved: 10/10/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.1 2.1 (-1.0)	4.7 4.0 (+0.7)	5.3 5.6 (-0.4)	7.2 4.6 (+2.7)	3.9 3.6 (+0.3)	3.2 3.0 (+0.2)	1.3 0.7 (+0.6)	26.7 23.6 (+3.0)
GDU Normal (Diff)	76 56 (+19)	411 469 (-58)	710 727 (-17)	766 815 (-49)	770 757 (+12)	584 552 (+31)	177 112 (+64)	3494 3489 (+4)



* 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 - Illinois South [ILSO]

Early-Season Test Products (48 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
Axis	61P24	VT2P	Y	111	AC,P2
Axis	62V29	VT2P	Y	112	AC,P2
Axis	63D28	VT2P	Y	112	AC,P2
Axis	63H27	VT2P	Y	112	AC,P2
Axis	63W23	VT2PDG	Y	112	AC,P2
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5,B360
DeKalb	DKC62-53RIB GC	VT2P	Y	112	AC,P5,B360
DeKalb	DKC62-89RIB GC	TRE	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	D51VC67	VT2P	N	110	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V,EDC-EL
FS InVision	FS 6107T RIB	TRE	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V
Golden Harvest	G10L16-5222 EZR	5222	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-3120 EZR	3120	Y	111	AVC,C5,Vi
Great Heart	HT-7148TRE	TRE	Y	111	AC,P5V
Great Heart	HT-7256DGV2P	VT2PDG	Y	112	AC,P5V
Great Heart	HT-7275DGV2P	VT2PDG	Y	112	AC,P5V
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hefty	H6132 RIB	VT2P	Y	111	HC
Hefty	H6145 TRERIB	TRE	Y	112	HC
Hefty	H6252	VT2P	N	112	HC
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	68B3AML	AML	Y	108	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
NuTech	72D4AM	AM	Y	112	Lum,P1V
Pioneer	P1077AM GC	AM,AQ	Y	110	Lum
Pioneer	P1108Q GC	QR	Y	111	Lum
Pioneer	P1185AM GC	AM	Y	111	Lum
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK895DGV2P	VT2PDG	N	113	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Stone	1132TRERIB	TRE	Y	111	AC,P5,B360
Stone	1221TRERIB	TRE	Y	112	AC,P5,B360

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Stone	6072RIB	VT2P	Y	110	AC,P2,B360
Wyffels	W6826RIB	VT2P	Y	111	AC,P2
Wyffels	W6906RIB	VT2P	Y	111	AC,P2
Wyffels	W6978RIB	STX	Y	111	AC,P5V
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	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.

2021 Corn - Illinois South [ILSO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Burrus	6Y61 DGVT2P	VT2PDG	Y	113	AC,P5V,B-300
Burrus	7K64 DGVT2P	VT2PDG	Y	115	BPS
DeKalb	DKC65-95RIB GC	VT2P	Y	115	AC,P5,B360
DeKalb	DKC67-94RIB GC	TRE	Y	117	AC,P5,B360
Dyna-Gro	D55VC80	VT2P	N	115	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 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5,B360
FS InVision	FS 6606T RIB	TRE	Y	116	AC,P5V
Gateway	0714VT2PRIB	VT2P	Y	114	AC250
Gateway	0916TRE GC	TRE	N	116	AC,P5V
Gateway	1913TRE	TRE	N	113	AC,P5V,B-360
Gateway	9714VT2P GC	VT2P	N	114	AC,P5V
Golden Harvest	G13P84-3120 EZR	3120	Y	113	AVC,C5,Vi
Golden Harvest	G14N11-5222 EZR	5222	Y	114	AVC,C5,Vi
Golden Harvest	G16Q82-3120A EZR	3120A	Y	116	AVC,C5,Vi
Great Heart	HT-7337VT2P	VT2P	Y	113	AC,P5V
Great Heart	HT-7425DGV2P	VT2PDG	Y	114	AC,P5V
Great Heart	HT-7443VT2P	VT2P	Y	114	AC,P5V
Hefty	H6354	STX	N	113	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6423 RIB	VT2PDG	Y	114	HC
Hefty	H6532 VT2PRIB	VT2P	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1460-5222 EZR	5222	Y	114	AVC,C5,Vi
NK Brand	NK1523-3220 EZR	3220	Y	115	AVC,C5,Vi
NK Brand	NK1661-3120A EZR	3120A	Y	116	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	77A5AM	AM	Y	117	Lum,P1V
Pioneer	P1380AM GC	AM	Y	113	Lum
ProHarvest	83P33 DGV2PRIB	VT2PDG	Y	113	AC,P5V
ProHarvest	84P93 DGV2PRIB	VT2PDG	Y	114	AC,P5V
ProHarvest	86P23 VT2PRIB	VT2P	Y	116	AC,P5V
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK945DGV2P	VT2PDG	Y	116	AC,P2
Stone	1512TRERIB	TRE	Y	115	AC,P5,B360
Stone	6542RIB	VT2P	Y	115	AC,P2,B360

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Stone	DG6382RIB	VT2PDG	Y	113	AC,P5,B360
Wyffels	W7726RIB	VT2P	Y	113	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	AC,P2
Wyffels	W8148RIB	STX	Y	115	AC,P5V
Wyffels	W8936DGRIB	VT2PDG	Y	117	AC,P2

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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)
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)
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AQ	Optimum® AQUAmax®
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
AC,P2	Acceleron® 250
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
AC,P5V,B-300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT
AC,P5V,EDC- EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo

* Seed treatments may include unspecified plant health promoting components.