

Test by: Effingham, IL

2021 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

Early-Season Test	107 - 112 Day CRM B2021ILSO02a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, 2,4d Fb Accuron
SOIL DESCRIPTION:	Edwardsville/Mascoutah silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, low K, 4.6 pH, 2.4% OM, 17.8 CEC
PEST MANAGEMENT:	Accuron, Trivapro
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEDED - RATE - ROW:	May 13 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 4 37.5 /A

TEST COMMENTS:

This conventional site was planted mid-May in good conditions. Emergence was excellent. Above normal rainfall resulted in great yields. Plant heights were a little below normal. The cool May can be blamed for the shorter statured plants. Standability was good overall. A few varieties had stalks leaning to the east. Recent rainfall and winds could have been the cause of this. Overall a good test with a great cooperater. One replicate in the full-season test removed due to high variance. 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
Wyffels	W6826RIB ↗	VT2P	111	275.0	19.8	1	37.3	1376	1
FS InVision	FS 6194V RIB ↗	VT2P	111	269.4	18.9	1	40.3	1356	2
Golden Harvest	G10L16-5222 EZR ↗	5222	110	268.7	18.8	1	37.3	1353	3
Stone	1221TRERIB ↗	TRE	112	268.7	20.1	1	38.8	1343	4
NuTech	70A8AM ↗	AM	110	266.7	19.6	1	41.1	1337	5
Wyffels	W6978RIB ↗	STX	111	265.5	20.0	1	37.3	1328	6
Dyna-Gro	D51VC67 ↗	VT2P	110	263.5	19.8	1	36.6	1319	8
Wyffels	W7416 ↗	VT2P	112	263.5	19.7	1	40.3	1319	9
Stone	1132TRERIB ↗	TRE	111	263.3	19.2	1	38.1	1323	7
FS InVision	FS 6106X RIB ↗	STX	111	259.8	19.0	1	39.6	1307	10
Renk	RK895DGV2P ↗	VT2PDG	113	259.6	19.7	1	35.9	1300	12
NuTech	72D4AM ↗	AM	112	259.4	19.4	3	37.3	1301	11
DeKalb	DKC62-53RIB GC ↗	VT2P	112	259.2	19.5	1	38.8	1299	13
Hefty	H6252 ↗	VT2P	112	259.2	19.7	1	38.8	1298	14
DeKalb	DKC62-89RIB GC ↗	TRE	112	259.0	19.6	1	38.1	1298	15
Renk	RK937VT2P ↗	VT2P	113	257.0	19.5	1	32.9	1289	16
Hefty	H5832 RIB ↗	VT2P	108	255.9	19.0	1	35.8	1288	17
Pioneer	P1185AM GC ↗	AM	111	254.8	20.0	1	38.1	1274	18
Hefty	H6042 RIB ↗	VT2P	110	253.5	19.5	1	36.6	1271	19
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	252.6	19.9	1	38.1	1264	20
Axis	62V29 ↗	VT2P	112	252.2	20.1	1	36.6	1261	22
Golden Harvest	G11V76-3120 EZR ↗	3120	111	251.0	18.9	1	36.6	1263	21
NuTech	70F2Q ↗	QR	110	250.9	19.1	1	36.6	1261	23
Great Heart	HT-7275DGV2P ↗	VT2PDG	112	250.2	19.7	1	39.6	1254	25
NuTech	68A7AM ↗	AM	108	249.7	19.0	1	36.6	1256	24
Augusta	A1060-3330 ↗	3330	110	249.5	19.4	1	38.8	1252	26
Axis	63W23 ↗	VT2PDG	112	247.6	19.4	1	37.8	1243	27
Hefty	H6132 RIB ↗	VT2P	111	242.6	19.6	1	37.3	1216	28
Renk	RK882TRE ↗	TRE	111	240.5	18.8	1	38.8	1211	29
Wyffels	W6906RIB ↗	VT2P	111	240.2	18.8	1	36.6	1210	30

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Averages = **248.1** **19.4** **1** **37.5** **1245**

LSD (0.10) = 18.2 ns 1

LSD (0.25) = 9.6 ns 0

C.V. = 8.1

Historic yield: 194.36 bu/a, 19 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.15

Report Date: 10/05/2021

† 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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John Barttelbort, St. Clair County, IL 62221

Full-Season Test	113 - 117 Day CRM B2021ILSO02b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Roundup, 2,4d Fb Accuron
SOIL DESCRIPTION:	Edwardsville/Mascoutah silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, low K, 4.6 pH, 2.4% OM, 17.8 CEC
PEST MANAGEMENT:	Accuron, Trivapro
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEDED - RATE - ROW:	May 13 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 4 37.4 /A

TEST COMMENTS:

This conventional site was planted mid-May in good conditions. Emergence was excellent. Above normal rainfall resulted in great yields. Plant heights were a little below normal. The cool May can be blamed for the shorter statured plants. Standability was good overall. A few varieties had stalks leaning to the east. Recent rainfall and winds could have been the cause of this. Overall a good test with a great cooperator. One replicate in the full-season test removed due to high variance. 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
NuTech	77A5AM ↗	AM	117	279.2	22.1	1	36.8	1378	2
Wyffels	W8936DGRIB ↗	VT2PDG	117	278.0	20.8	1	38.8	1383	1
NuTech	74A9AM ↗	AM	114	272.3	19.7	1	39.8	1364	3
Stone	1512TRERIB ↗	TRE	115	271.1	20.5	1	33.9	1351	4
ProHarvest	86P23 VT2PRIB ↗	VT2P	116	269.4	21.7	1	36.8	1333	7
FS InVision	FS 6606T RIB ↗	TRE	116	269.0	20.7	1	37.8	1340	5
Gateway	0916TRE GC ↗	TRE	116	267.3	21.6	1	34.8	1323	9
Dyna-Gro	D55VC80 ↗	VT2P	115	266.0	20.0	1	35.9	1330	8
Gateway	1913TRE ↗	TRE	113	265.8	18.8	1	35.8	1338	6
Wyffels	W7726RIB ↗	VT2P	113	262.9	20.6	1	35.8	1310	10
ProHarvest	84P93 DGVT2PRIB ↗	VT2PDG	114	260.0	19.9	1	37.8	1301	11
Hefty	H6532 VT2PRIB ↗	VT2P	115	258.5	20.8	1	39.8	1286	12
Renk	RK945DGVT2P ↗	VT2PDG	116	258.2	21.4	1	40.3	1280	15
Hefty	H6423 RIB ↗	VT2PDG	114	257.5	21.1	1	34.9	1279	16
Gateway	0714VT2PRIB ↗	VT2P	114	257.3	21.3	1	36.8	1277	17
Renk	RK915VT2P ↗	VT2P	115	257.0	21.0	1	35.9	1277	18
Gateway	9714VT2P GC ↗	VT2P	114	256.9	20.0	1	34.8	1284	13
FS InVision	FS 6595V RIB ↗	VT2P	115	256.7	19.9	1	36.8	1284	14
Golden Harvest	G13P84-3120 EZR ↗	3120	113	255.2	20.3	1	36.8	1273	19
Great Heart	HT-7337VT2P ↗	VT2P	113	254.9	20.7	1	37.8	1269	20
Wyffels	W7876RIB ↗	VT2P	114	252.6	20.1	1	39.8	1262	21
DeKalb	DKC65-95RIB GC ↗	VT2P	115	251.3	19.8	1	36.8	1258	23
FS InVision	FS 6406X RIB ↗	STX	114	251.2	19.9	1	39.8	1257	24
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	251.0	19.3	1	37.8	1260	22
Great Heart	HT-7443VT2P ↗	VT2P	114	250.3	21.2	1	37.8	1242	26
Stone	6542RIB ↗	VT2P	115	249.8	20.2	1	36.8	1248	25
NK Brand	NK1661-3120A EZR ↗	3120A	116	249.3	21.5	1	36.8	1235	29
Wyffels	W7956RIB ↗	VT2P	114	249.2	20.5	1	42.8	1242	27
Great Heart	HT-7425DGVT2P ↗	VT2PDG	114	248.0	20.9	1	37.8	1234	30
DeKalb	DKC67-94RIB GC ↗	TRE	117	247.5	20.0	1	38.8	1238	28

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Averages = **250.8** **20.4** **1** **37.4** **1249**

LSD (0.10) = 20.0 1.0 1

LSD (0.25) = 10.5 0.5 0

C.V. = 7.6

Historic yield: 194.36 bu/a, 19 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.15

Report Date: 10/05/2021

† 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

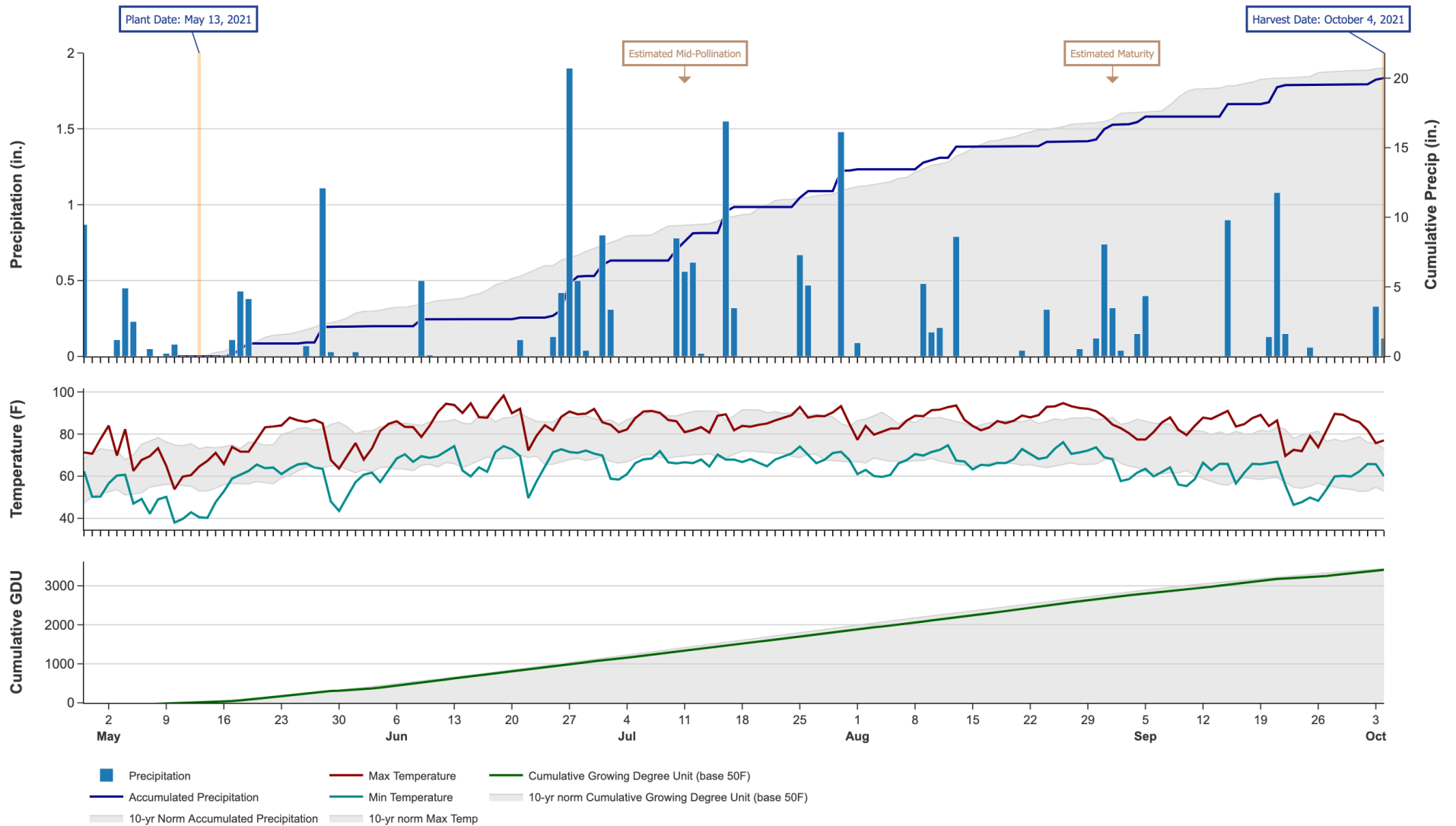
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2021 Corn - Illinois South [ILSO]

Weather Conditions Summary at BELLEVILLE, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.9 0.8 (0.0)	3.1 5.2 (-2.1)	3.6 5.0 (-1.4)	7.6 4.3 (+3.2)	3.0 4.8 (-1.8)	3.2 3.7 (-0.4)	0.5 0.2 (+0.3)	21.8 24.0 (-2.2)
GDU Normal (Diff)	27 19 (+7)	449 522 (-73)	745 767 (-22)	807 855 (-48)	820 805 (+14)	630 609 (+20)	87 58 (+28)	3565 3638 (-73)



* 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-7256DGVT2P	VT2PDG	Y	112	AC,P5V
Great Heart	HT-7275DGVT2P	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

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Pioneer	P1185AM GC	AM	Y	111	Lum
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK895DGVT2P	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
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-7425DGVT2P	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 DGVT2PRIB	VT2PDG	Y	113	AC,P5V
ProHarvest	84P93 DGVT2PRIB	VT2PDG	Y	114	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
ProHarvest	86P23 VT2PRIB	VT2P	Y	116	AC,P5V
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK945DGVT2P	VT2PDG	Y	116	AC,P2
Stone	1512TRERIB	TRE	Y	115	AC,P5,B360
Stone	6542RIB	VT2P	Y	115	AC,P2,B360
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

* 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)
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.