

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2021 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Early-Season Test	106 - 111 Day CRM B2021IASO34a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Soybeans / Ziduo Pro, Liberty
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 6.7 pH, 3.5% OM, 15.0 CEC
PEST MANAGEMENT:	Lumax, Glyphosate
FERTILITY - Applied N:	190 Spring
Applied N-P-K (units):	190-0-0
SEEDED - RATE - ROW:	Apr 23 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 6 32.5 /A

TEST COMMENTS:

Planting conditions were cool and dry. Emergence had a few problems, possibly by some anhydrous burn, which caused a lower stand count on some hybrids. Plants were short and ear placement was low. Short, girthy ears had some tipback. The damage could be seen throughout the field. Plant health was very good. Stalks were strong, and plants stood well. A shortage of rain during grain fill set some yields back. When they did get a good rain, it was when soybeans needed it. Steve and Brent said soybean yields were very good. The corn was still better than expected considering the stress it went through.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	8009AM ↗	AM	110	277.3	16.1	1	33.4	1474	1
Renk	RK805VT2P ↗	VT2P	110	263.7	16.6	1	31.9	1398	4
Hoegemeyer	8084AM ↗	AM	110	263.5	15.2	1	33.4	1408	2
Renk	RK821SSTX ↗	STX	111	263.1	16.1	1	33.4	1399	3
Integra	6162 VT2PRIB ↗	VT2P	111	259.5	15.4	1	31.9	1385	5
Integra	5719 VT2PRIB ↗	VT2P	107	258.4	14.4	1	33.4	1382	6
FS InVision	FS 6194V RIB ↗	VT2P	111	258.4	16.0	1	31.9	1375	11
Augusta	A4961-5122-EZ ↗	5122	111	258.3	14.9	1	34.8	1382	7
Dyna-Gro	D50VC09 ↗	VT2P	110	258.3	15.5	3	33.4	1377	9
Integra	5802 VT2PRIB ↗	VT2P	108	258.0	15.2	1	30.5	1378	8
AgriGold	A636-16VT2PRIB GC ↗	VT2P	106	258.0	16.1	1	31.9	1371	12
Golden Harvest	G10L16-5222 EZR ↗	5222	110	257.5	14.9	1	33.4	1377	10
Kruger	K1005DP ↗	VT2P	110	256.9	15.7	1	31.9	1369	13
NuTech	68A7AM ↗	AM	108	255.9	16.4	1	33.4	1358	17
Golden Harvest	G10D21-3330 EZR ↗	3330	110	255.5	15.8	1	31.9	1361	14
NuTech	69B9Q ↗	QR	109	254.8	15.4	1	33.4	1361	15
Armor	A1044 SS GC ↗	STX	110	254.7	15.2	1	34.8	1361	16
Golden Harvest	G08R52-3220 EZR ↗	3220	108	254.3	15.8	1	34.8	1354	18
NuTech	68B3AML ↗	AML	108	252.2	15.1	1	31.9	1349	19
Wyffels	W6906RIB ↗	VT2P	111	251.7	14.7	1	30.5	1347	20
FS InVision	FS 6106X RIB ↗	STX	111	250.2	15.1	1	34.8	1338	21
Kruger	K0917SS ↗	STX	109	249.1	15.7	3	33.4	1327	22
Kruger	K1191DT ↗	TRE	111	245.9	15.0	1	31.9	1316	23
NuTech	70F2Q ↗	QR	110	245.5	15.1	1	31.9	1313	24
Augusta	A1259-5222 ↗	5222	109	245.1	14.5	3	31.9	1311	25
FS InVision	FS 6017V RIB ↗	VT2P	110	244.0	15.6	1	33.4	1301	26
Taylor	6011 VT2P ↗	VT2P	111	243.6	15.3	1	31.9	1301	27
FS InVision	FS 5815V RIB ↗	VT2P	108	243.2	14.9	1	31.9	1301	28
Wyffels	W6826RIB ↗	VT2P	111	242.9	14.9	1	31.9	1300	29
Kruger	K0915DD ↗	VT2PDG	109	242.9	15.3	1	31.9	1298	30
Pioneer	P0953AM CK	AM	109	230.3	15.3	1	31.9	1230	45
				Averages =	246.5	15.4	1	32.5	1315
				LSD (0.10) =	18.1	ns	ns		
				LSD (0.25) =	9.5	ns	ns		
				C.V. =	5.7				
				Historic yield: 219.19 bu/a, 10 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.35

Report Date: 10/09/2021

† 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 Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Full-Season Test	112 - 116 Day CRM B2021IASO34b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Ziduo Pro, Liberty
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 6.7 pH, 3.5% OM, 15.0 CEC
PEST MANAGEMENT:	Lumax, Glyphosate
FERTILITY - Applied N:	190 Spring
Applied N-P-K (units):	190-0-0
SEEDED - RATE - ROW:	Apr 23 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 6 32.9 /A

TEST COMMENTS:

Planting conditions were cool and dry. Emergence had a few problems, possibly by some anhydrous burn, which caused a lower stand count on some hybrids. Plants were short and ear placement was low. Short, girthy ears had some tipback. The damage could be seen throughout the field. Plant health was very good. Stalks were strong, and plants stood well. A shortage of rain during grain fill set some yields back. When they did get a good rain, it was when soybeans needed it. Steve and Brent said soybean yields were very good. The corn was still better than expected considering the stress it went through.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	72B7Q ↗	QR	112	274.6	16.4	1	32.9	1458	1
Wyffels	W7536DG ↗	VT2PDG	112	272.5	17.2	1	32.9	1440	2
Taylor	EXP C-112-22 VT2P ↗	VT2P	112	269.8	16.1	2	32.9	1435	3
FS InVision	FS 6217X RIB ↗	STX	112	268.9	17.0	1	33.4	1423	7
Dyna-Gro	D55VC80 ↗	VT2P	115	268.3	15.8	1	33.8	1429	4
Wyffels	W8936DGRIB ↗	VT2PDG	117	268.3	16.4	1	31.9	1424	5
NuTech	74B6AM ↗	AM	114	268.0	16.2	1	32.9	1424	6
Hoegemeyer	8371AML ↗	AML	113	267.4	16.6	1	31.9	1417	9
Golden Harvest	G16Q82-3120A EZR ↗	3120A	116	266.8	16.1	1	33.8	1418	8
Wyffels	W7956RIB ↗	VT2P	114	265.8	16.4	1	33.8	1411	10
Kruger	K1327DT ↗	TRE	113	265.2	16.4	1	34.8	1408	12
Integra	6410 VT2PRIB ↗	VT2P	114	264.4	15.6	1	31.9	1410	11
Integra	6641 VT2PRIB ↗	VT2P	116	263.5	16.0	1	33.8	1402	13
Taylor	8013 VT2PDGRIB ↗	VT2PDG	112	262.5	16.3	1	31.9	1394	16
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	262.3	16.2	1	32.9	1394	17
Golden Harvest	G13D55-3220 EZR ↗	3220	113	262.2	15.6	1	31.9	1398	14
Taylor	8824 VT2PRIB ↗	VT2P	113	261.3	15.3	1	32.9	1395	15
Hoegemeyer	8518AM ↗	AM	115	261.3	16.2	1	32.9	1389	19
Renk	RK915VT2P ↗	VT2P	115	260.7	16.7	1	33.8	1382	23
NK Brand	NK1349-3220 EZR ↗	3220	113	260.4	14.8	1	31.9	1393	18
Integra	6342 TRERIB ↗	TRE	113	260.3	16.0	1	31.9	1385	20
NK Brand	NK1523-3220 EZR ↗	3220	115	259.6	17.4	2	32.9	1370	25
Kruger	K1237DT ↗	TRE	112	259.6	15.4	1	32.9	1385	21
Wyffels	W7876RIB ↗	VT2P	114	259.6	15.6	1	31.9	1384	22
FS InVision	FS 6406X RIB ↗	STX	114	258.4	15.8	1	32.9	1376	24
Taylor	9915 VT2P ↗	VT2P	115	257.5	17.1	1	33.8	1362	27
NK Brand	NK1661-3120A EZR ↗	3120A	116	257.1	15.8	1	32.9	1370	26
Kruger	K1501DP ↗	VT2P	115	256.7	17.0	1	31.9	1358	30
Golden Harvest	G13P84-3120 EZR ↗	3120	113	256.3	16.5	1	33.8	1359	28
Kruger	K1313DD ↗	VT2PDG	113	254.8	15.5	1	33.8	1359	29
Pioneer	P0953AM CK	AM	109	233.8	16.7	1	32.9	1239	47
				Averages =	256.3	16.3	1	32.9	1363
				LSD (0.10) =	10.0	0.6	ns		
				LSD (0.25) =	5.3	0.3	ns		
				C.V. =	3.7				
				Historic yield: 219.19 bu/a, 10 yr(s)					



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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.35

Report Date: 10/09/2021

† 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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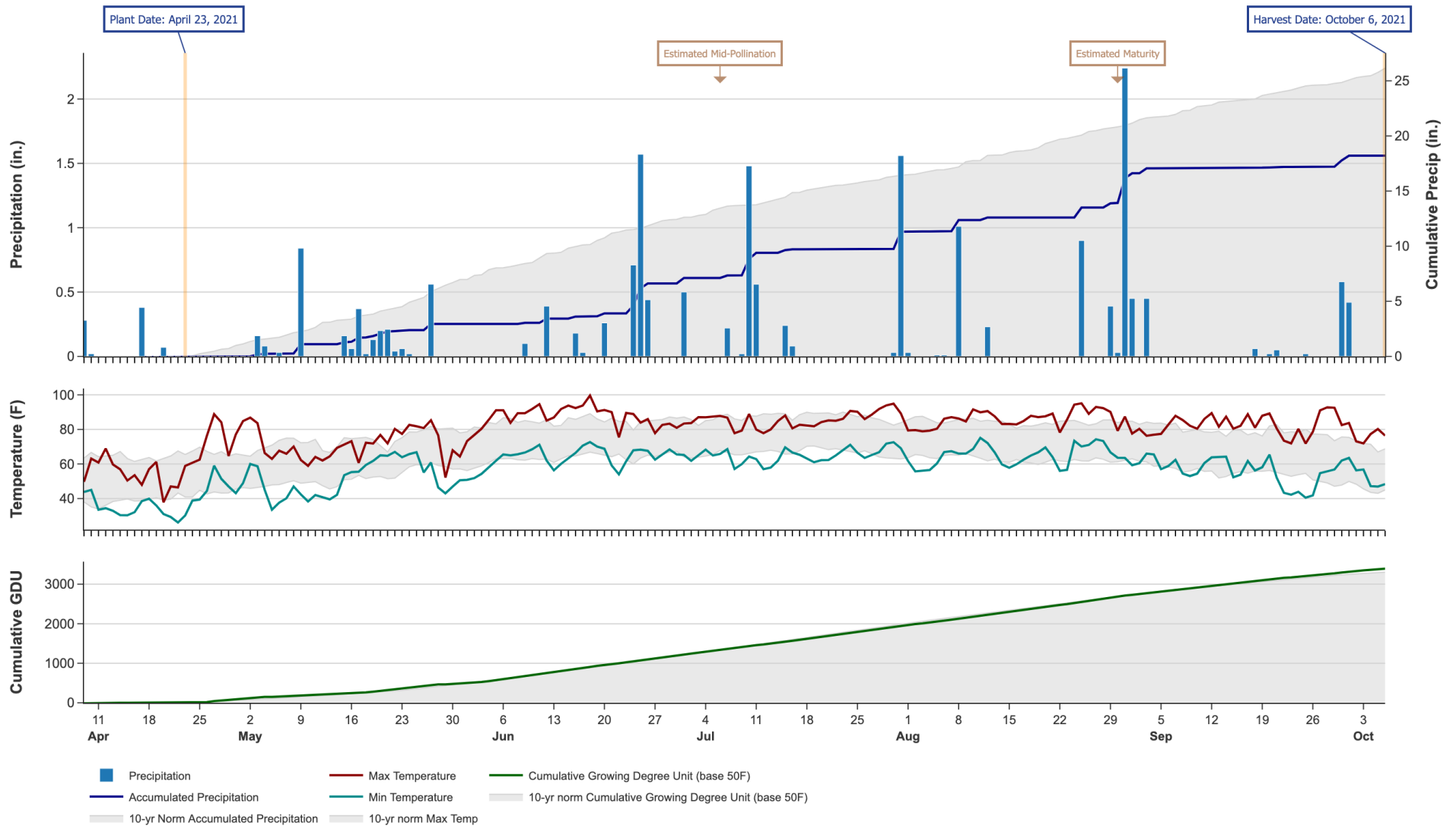
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2021 Corn - Iowa South [IASO]

Weather Conditions Summary at FARRAGUT, IA

Weather Data Retrieved: 10/27/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.8 2.9 (-2.1)	2.9 6.0 (-3.0)	3.7 5.5 (-1.8)	4.7 4.0 (+0.7)	4.8 4.5 (+0.3)	1.6 3.9 (-2.3)	0.4 1.3 (-0.9)	19.0 28.0 (-9.1)
GDU Normal (Diff)	96 159 (-63)	403 411 (-8)	713 713 (0)	757 804 (-47)	760 728 (+31)	583 521 (+61)	95 63 (+31)	3407 3402 (+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 - Iowa South [IASO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A636-16VT2PRIB GC	VT2P	Y	106	AC,P5V
Armor	A1044 SS GC	STX	N*	110	Treated
Augusta	A1059-3330GT	3330	N	109	CM,C2
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Augusta	A4858-5122-EZ	5122	Y	108	CM,C2
Augusta	A4961-5122-EZ	5122	Y	111	AVC,C5
Channel	209-15VT2PRIB GC	VT2P	Y	109	AC,P2,B360
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V,B-300
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
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G08R52-3220 EZR	3220	Y	108	AVC,C5,Vi
Golden Harvest	G10D21-3330 EZR	3330	Y	110	AVC,C5,Vi
Golden Harvest	G10L16-5222 EZR	5222	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-5122 EZR	5122	Y	111	AVC,C5,Vi
Hoegemeyer	8009AM	AM	Y	110	Lum
Hoegemeyer	8084AM	AM	Y	110	Lum
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Kruger	K0858DP	VT2P	Y	108	AC,P5,EDC
Kruger	K0915DD	VT2PDG	Y	109	AC,P5,EDC
Kruger	K0917SS	STX	Y	109	AC,P5V,EDC-B
Kruger	K1005DP	VT2P	Y	110	AC,P2
Kruger	K1191DT	TRE	Y	111	AC,P5,EDC
NK Brand	NK1188-3120 EZR	3120	Y	111	AVC,C5,Vi
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	68B3AML	AML	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
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK805VT2P	VT2P	N	110	AC,P2
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Taylor	6011 VT2P	VT2P	N	111	AC,P2
Taylor	9907 VT2P	VT2P	N	107	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Taylor	EXP C-111-22 VT2P	VT2P	N	111	AC,P2
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W6408RIB	STX	Y	110	AC,P5V
Wyffels	W6826RIB	VT2P	Y	111	AC,P2
Wyffels	W6906RIB	VT2P	Y	111	AC,P2
Wyffels	W6978RIB	STX	Y	111	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.

2021 Corn - Iowa South [IASO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A645-16VT2RIB GC	VT2P	Y	115	AC,P5V
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5V
FS InVision	FS 6217X RIB	STX	Y	112	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,P5V
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Golden Harvest	G13D55-3220 EZR	3220	Y	113	AVC,C5,Vi
Golden Harvest	G13P84-3120 EZR	3120	Y	113	AVC,C5,Vi
Golden Harvest	G15J91-3220 EZR	3220	Y	115	AVC,C5,Vi
Golden Harvest	G16Q82-3120A EZR	3120A	Y	116	AVC,C5,Vi
Hoegemeyer	8371AML	AML	Y	113	Lum,P1V
Hoegemeyer	8447AM	AM	Y	114	Lum,P1V
Hoegemeyer	8518AM	AM	Y	115	Lum
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,EDC-B
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6555 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6641 VT2PRIB	VT2P	Y	116	AC,P5V,SU
Kruger	K1237DT	TRE	Y	112	AC,P5,EDC
Kruger	K1313DD	VT2PDG	Y	113	AC,P5,EDC
Kruger	K1327DT	TRE	Y	113	AC,P5,EDC
Kruger	K1501DP	VT2P	Y	115	AC,P2
Kruger	K1541SS	STX	Y	115	AC,P5V,EDC-B
NK Brand	NK1349-3220 EZR	3220	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	72B7Q	QR	Y	112	Lum,P1V
NuTech	72D4AM	AM	Y	112	Lum,P1V
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Renk	RK945DGV2P	VT2PDG	Y	116	AC,P2
Taylor	8013 VT2PDGRIB	VT2PDG	Y	112	CM,C2,Vi
Taylor	8824 VT2PRIB	VT2P	Y	113	CM,C2,Vi
Taylor	9915 VT2P	VT2P	N	115	CM,C2,Vi
Taylor	EXP C-112-22 VT2P	VT2P	N	112	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Taylor	EXP C-114-22 VT2P	VT2P	N	114	AC,P2
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	AC,P2
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)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
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
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-300	Acceleron® Poncho 500/Votivo with B-300 SAT
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
AC,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.