

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

2021 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] ANITA, IA
Ryan Rich, Cass County, IA 50020

Early-Season Test	105 - 110 Day CRM B2021IAWC21a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Dual, Round Up, Xtendimax
SOIL DESCRIPTION:	Sharpsburg sandy clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.9 pH, 4.3% OM, 18.1 CEC
PEST MANAGEMENT:	Round Up, Callisto, Dual li Magnum, Delaro
FERTILITY - Applied N:	195 Spring
Applied N-P-K (units):	195-0-0
SEEDED - RATE - ROW:	Apr 29 /A 30" spacing
HARVESTED - STAND:	Nov 19 34.2 /A

TEST COMMENTS:

Planting went very well at this site and plants emerged nicely. At harvest plants were tall and ear placement was high. During harvest, winds blew at 20 plus mph and the corn was healthy and stood well. Plants were brittle and caused lots of trash to go through the combine. Ears were well pollinated with great seed depth. Sturdy cobs made shelling easy. This was a very uniform-looking plot. Both tests had two replications plus a couple of passes due to a planting malfunction.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6061 TRERIB ↗	TRE	110	287.1	14.7	1	34.8	1536	1
Dyna-Gro	D50VC09 ↗	VT2P	110	286.4	14.0	1	34.8	1532	2
Kruger	KR-4608D ↗	VT2PDG	108	286.1	14.3	1	34.8	1531	3
Hoegemeyer	8084AM ↗	AM	110	284.4	14.4	1	33.4	1522	4
Hefty	H6042 RIB ↗	VT2P	110	284.3	14.3	1	34.8	1520	5
Kruger	K0858DP ↗	VT2P	108	283.8	14.4	1	34.8	1518	6
Four Star	6D52RIB ↗	VT2P	110	280.4	14.4	1	33.8	1500	7
Wyffels	W4246RIB ↗	VT2P	105	279.6	13.9	1	33.4	1496	8
Renk	RK782VT2P ↗	VT2P	109	279.3	14.2	1	34.8	1494	9
Wyffels	W5778 ↗	STX	109	278.2	13.7	1	33.4	1488	10
Hoegemeyer	8009AM ↗	AM	110	278.1	13.8	1	34.8	1488	11
Hoegemeyer	7653Q ↗	QR	106	277.5	14.2	1	33.4	1485	12
FS InVision	FS 6017V RIB ↗	VT2P	110	276.5	13.8	3	31.9	1479	13
FS InVision	FS 5704V RIB ↗	VT2P	107	276.3	14.0	1	33.4	1478	15
Four Star	EXP 2201 ↗	VT2P	109	274.5	13.9	1	34.8	1468	16
Hefty	H5812 RIB ↗	VT2P	108	273.5	13.6	1	34.8	1463	17
Latham	LH 5725 VT2P RIB ↗	VT2P	107	273.3	13.8	1	33.8	1462	18
Hefty	H5832 RIB ↗	VT2P	108	273.3	14.1	1	34.8	1462	19
Hefty	H5655 ↗	TRE	106	273.0	13.8	1	33.8	1461	20
Hefty	H5952 ↗	VT2P	109	271.7	14.7	1	34.8	1454	21
Integra	5682 VT2PRIB ↗	VT2P	106	271.3	13.6	3	34.8	1451	22
Dyna-Gro	D50VC78 ↗	VT2P	109	270.1	14.2	1	34.8	1445	23
Kruger	K1005DP ↗	VT2P	110	269.7	14.5	1	34.8	1442	24
Latham	LH 5517 VT2P RIB ↗	VT2P	105	268.0	13.8	1	33.4	1434	25
Wyffels	W4196RIB ↗	VT2P	105	267.5	14.0	1	33.4	1431	26
FS InVision	FS 5815V RIB ↗	VT2P	108	267.0	13.9	1	34.8	1428	27
NK Brand	NK0877-3220 EZR ↗	3220	108	266.5	14.1	1	34.8	1425	28
FS InVision	FS 5909D2A EZR ↗	5222A	109	266.1	14.1	1	31.9	1424	29
Latham	LH 5646 PCE ↗	PC,E	106	266.0	13.8	1	34.8	1423	30
Wyffels	W4588 ↗	STX	105	265.1	13.8	1	34.8	1418	31
Pioneer	P0953AM CK	AM	109	276.4	14.1	1	34.8	1479	14
				Averages =	267.1	14.0	1	34.2	1429
				LSD (0.10) =	8.4	ns	1		
				LSD (0.25) =	4.4	ns	0		
				C.V. =	3.0				
				Historic yield: 238.52 bu/a, 7 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: 11/20/2021

† 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 West Central [IAWC] ANITA, IA
Ryan Rich, Cass County, IA 50020

Full-Season Test	111 - 115 Day CRM B2021IAWC21b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Dual, Round Up, Xtendimax
SOIL DESCRIPTION:	Sharpsburg sandy clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 5.9 pH, 4.3% OM, 18.1 CEC
PEST MANAGEMENT:	Round Up, Callisto, Dual li Magnum, Delaro
FERTILITY - Applied N:	195 Spring
Applied N-P-K (units):	195-0-0
SEEDED - RATE - ROW:	Apr 29 /A 30" spacing
HARVESTED - STAND:	Nov 19 34.1 /A

TEST COMMENTS:

Planting went very well at this site and plants emerged nicely. At harvest plants were tall and ear placement was high. During harvest, winds blew at 20 plus mph and the corn was healthy and stood well. Plants were brittle and caused lots of trash to go through the combine. Ears were well pollinated with great seed depth. Sturdy cobs made shelling easy. This was a very uniform-looking plot. Both tests had two replications plus a couple of passes due to a planting malfunction.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7876RIB ↗	VT2P	114	300.6	15.0	1	33.8	1608	1
FS InVision	FS 6595V RIB ↗	VT2P	115	294.9	14.7	1	33.4	1578	2
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	294.5	14.5	1	34.8	1576	3
Hoegemeyer	8447AM ↗	AM	114	291.8	14.5	1	33.4	1561	4
Integra	6162 VT2PRIB ↗	VT2P	111	289.7	14.3	2	34.8	1550	5
Hoegemeyer	8235Q ↗	QR	112	287.7	14.7	1	33.4	1539	6
Four Star	EXP 2202 ↗	VT2P	111	286.8	14.8	2	34.8	1534	7
Kruger	K1191DT ↗	TRE	111	286.4	14.4	1	34.8	1532	8
Latham	LH 6146 TRE RIB ↗	TRE	111	286.1	14.3	1	34.8	1531	9
Wyffels	W6978RIB ↗	STX	111	283.8	14.3	1	32.9	1518	10
FS InVision	FS 6106X RIB ↗	STX	111	281.5	14.7	1	33.4	1505	12
Hefty	H6355 ↗	TRE	113	280.8	14.3	1	34.8	1502	13
Renk	RK882TRE ↗	TRE	111	280.7	14.6	1	34.8	1502	14
Dyna-Gro	D54VC34 ↗	VT2P	114	278.9	14.9	2	33.8	1492	15
Hefty	H6524 RIB ↗	STX	115	278.9	14.6	1	34.8	1492	16
Hefty	H6552 ↗	VT2P	115	278.6	15.1	1	34.8	1490	17
Hefty	H6423 RIB ↗	VT2PDG	114	278.0	14.8	1	34.8	1487	18
Renk	RK915VT2P ↗	VT2P	115	277.9	15.3	1	34.8	1485	20
Renk	RK826VT2P ↗	VT2P	111	277.7	14.5	1	34.8	1486	19
Kruger	K1327DT ↗	TRE	113	277.0	15.2	1	34.8	1480	21
Kruger	K1160SS ↗	STX	111	276.0	14.4	1	33.8	1477	22
Renk	RK821SSTX ↗	STX	111	275.8	14.8	1	33.4	1476	23
Integra	6555 VT2PRIB ↗	VT2P	114	275.6	14.3	2	33.8	1474	24
Hefty	H6145 TRERIB ↗	TRE	112	275.4	14.3	1	34.8	1473	25
Latham	LH 6227 VT2P RIB ↗	VT2P	112	274.2	14.5	1	34.8	1467	26
Renk	RK937VT2P ↗	VT2P	113	273.2	14.8	1	34.8	1462	27
Kruger	K1313DD ↗	VT2PDG	113	273.0	14.4	2	32.9	1461	28
FS InVision	FS 6194V RIB ↗	VT2P	111	269.8	14.5	4	33.8	1443	29
Integra	6342 TRERIB ↗	TRE	113	267.6	14.5	2	32.9	1432	30
Latham	LH 6289 SS RIB ↗	STX	112	266.7	14.5	1	33.8	1427	31
Pioneer	P0953AM CK	AM	109	282.8	14.5	1	32.9	1513	11
				Averages =	275.1	14.7	2	34.1	1471
				LSD (0.10) =	8.7	0.3	2		
				LSD (0.25) =	4.6	0.1	1		
				C.V. =	3.0				
				Historic yield: 238.52 bu/a, 7 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: 11/20/2021

† 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

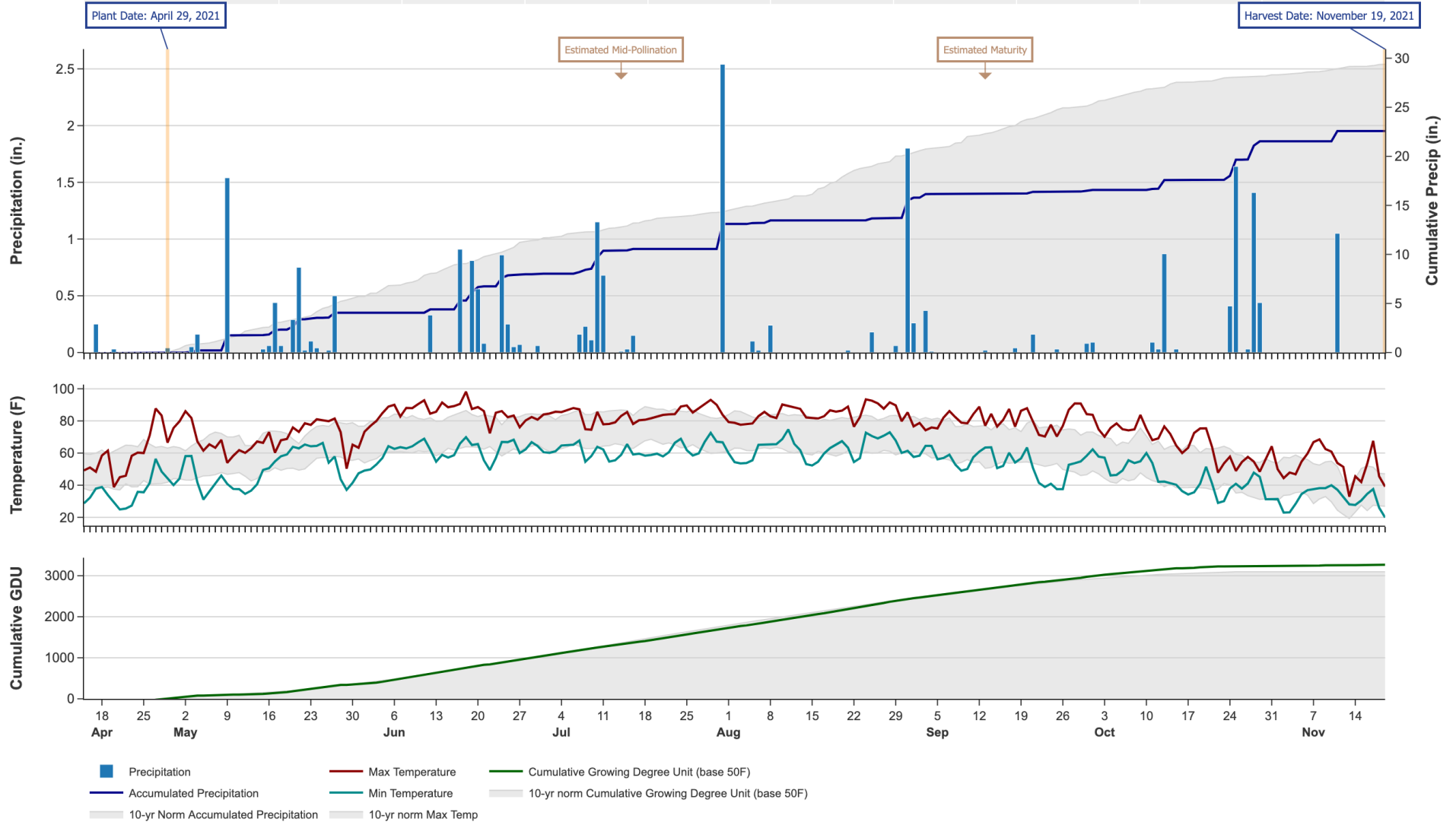
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2021 Corn - Iowa West Central [IAWC]

Weather Conditions Summary at ANITA, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.3 2.2 (-1.8)	4.1 5.5 (-1.4)	4.0 5.8 (-1.8)	5.1 2.9 (+2.2)	2.4 5.9 (-3.4)	1.0 4.9 (-4.0)	5.0 3.2 (+1.9)	1.1 1.1 (-0.0)	22.9 31.3 (-8.4)
GDU Normal (Diff)	69 72 (-3)	341 361 (-20)	670 648 (+21)	699 752 (-53)	713 676 (+36)	536 468 (+67)	257 182 (+74)	38 0 (+38)	3323 3162 (+160)



* 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 West Central [IAWC]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-3110	3110	N	109	CM,C1
Augusta	A1060-3330	3330	N	110	CM,C2
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V,B-300
Dyna-Gro	D50VC78	VT2P	N	109	AC,P5V
Four Star	6D52RIB	VT2P	Y	110	AC,P2
Four Star	EXP 2201	VT2P	Y	109	AC,P5V,B-300
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
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
Hefty	H5655	TRE	N	106	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hoegemeyer	7653Q	QR	Y	106	Lum,P1V
Hoegemeyer	7772Q	QR	Y	107	Lum
Hoegemeyer	7869AM	AM	Y	108	Lum
Hoegemeyer	8009AM	AM	Y	110	Lum
Hoegemeyer	8084AM	AM	Y	110	Lum
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
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
Kruger	K0858DP	VT2P	Y	108	AC,P5,EDC
Kruger	K0915DD	VT2PDG	Y	109	AC,P5,EDC
Kruger	K1005DP	VT2P	Y	110	AC,P2
Kruger	K4R-9706	STX	Y	106	AC,P5V,EDC-B
Kruger	KR-4608D	VT2PDG	Y	108	AC,P2
Latham	LH 5517 VT2P RIB	VT2P	Y	105	AC,P2
Latham	LH 5646 PCE	PC,E	N	106	CM,C2,Vi
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5769 SS RIB	STX	Y	107	AC,P5V
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
NK Brand	NK0748-5122 EZR	5122	Y	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK765VT2PRIB	VT2P	Y	109	AC,P2
Renk	RK782VT2P	VT2P	N	109	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK805VT2P	VT2P	N	110	AC,P2
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4246RIB	VT2P	Y	105	AC,P2
Wyffels	W4588	STX	N	105	AC,P5V
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W5778	STX	N	109	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 West Central [IAWC]

Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Four Star	EXP 2202	VT2P	Y	111	AC,P5V,B-300
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	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 6595V RIB	VT2P	Y	115	AC,P5V
Hefty	H6145 TRERIB	TRE	Y	112	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6423 RIB	VT2PDG	Y	114	HC
Hefty	H6524 RIB	STX	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
Hoegemeyer	8235Q	QR	Y	112	Lum
Hoegemeyer	8447AM	AM	Y	114	Lum,P1V
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
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
Kruger	K1160SS	STX	Y	111	AC,P5V,EDC-B
Kruger	K1191DT	TRE	Y	111	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
Latham	LH 6146 TRE RIB	TRE	Y	111	AC,P5V,EDC-B
Latham	LH 6149 SS RIB	STX	Y	111	AC,P5
Latham	LH 6227 VT2P RIB	VT2P	Y	112	AC,P2
Latham	LH 6289 SS RIB	STX	Y	112	AC,P5V
Latham	LH 6477 VT2P RIB	VT2P	Y	114	AC,P2
NK Brand	NK1188-5122 EZR	5122	Y	111	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
Pioneer	P0953AM CK	AM	Y	109	Lum
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Wyffels	W6978RIB	STX	Y	111	AC,P5V
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

* 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)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
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,SU	Acceleron® 250, StepUp
AC,P5	Acceleron® 500
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,Vi	Avicta® Complete 500, Vibrance
CM,C1	CruiserMaxx® 1250
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo

* Seed treatments may include unspecified plant health promoting components.