

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

2021 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] WINTERSET, IA
Mike Erdman, Madison County, IA 50273

Early-Season Test	105 - 110 Day CRM B2021IAWC25a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Round Up, Zidua Pro, Headline
SOIL DESCRIPTION:	Sharpsburg silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, medium K, 5.9 pH, 4.8% OM, 19.0 CEC
PEST MANAGEMENT:	Bicep, Callisto, Round Up, Headline
FERTILITY - Applied N:	164 Spring
Applied N-P-K (units):	164-60-100
SEEDED - RATE - ROW:	May 4 /A 30" spacing
HARVESTED - STAND:	Oct 31 33.7 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged well. During stand counts, some strips showed signs of chemical burn from a custom sprayer and caused some lower stand counts on strips. At harvest, plants were tall and looked healthy with very good ear size and good seed depth. The plants were mature and sturdy cobs made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK805VT2P ↗	VT2P	110	292.7	15.1	1	34.8	1565	1
Augusta	A1060-3330 ↗	3330	110	282.3	14.5	3	34.8	1510	2
Latham	LH 5725 VT2P RIB ↗	VT2P	107	280.2	14.5	1	33.8	1499	3
Hoegemeyer	8084AM ↗	AM	110	274.0	14.9	3	32.9	1466	4
Hefty	H5952 ↗	VT2P	109	273.9	14.8	1	34.8	1465	5
Kruger	K0858DP ↗	VT2P	108	270.5	14.8	1	32.9	1447	6
Renk	RK782VT2P ↗	VT2P	109	269.6	15.2	1	33.8	1441	7
FS InVision	FS 5909D2A EZR ↗	5222A	109	269.5	15.6	2	34.8	1437	9
Kruger	K4R-9706 ↗	STX	106	269.4	14.4	1	32.9	1441	8
Hefty	H6042 RIB ↗	VT2P	110	268.9	15.2	1	32.9	1437	10
Latham	LH 5646 PCE ↗	PC,E	106	266.2	15.5	1	32.9	1420	12
Kruger	KR-4608D ↗	VT2PDG	108	265.6	14.8	1	33.8	1421	11
Kruger	K1005DP ↗	VT2P	110	264.5	14.9	2	33.8	1415	13
Wyffels	W4246RIB ↗	VT2P	105	264.4	16.2	3	34.8	1405	17
Kruger	K0915DD ↗	VT2PDG	109	263.4	14.8	2	32.9	1409	15
Renk	RK765VT2PRIB ↗	VT2P	109	263.1	14.5	2	34.8	1408	16
Hefty	H5832 RIB ↗	VT2P	108	262.5	15.1	1	34.8	1404	18
Dyna-Gro	D50VC09 ↗	VT2P	110	261.1	14.6	3	34.8	1397	19
Latham	LH 5769 SS RIB ↗	STX	107	258.9	14.8	2	34.8	1385	20
NK Brand	NK0748-5122 EZR ↗	5122	107	258.6	15.4	1	32.9	1380	21
FS InVision	FS 5704V RIB ↗	VT2P	107	258.0	14.1	1	32.9	1380	22
Four Star	EXP 2201 ↗	VT2P	109	256.0	15.0	1	33.8	1369	23
Wyffels	W5778 ↗	STX	109	255.2	14.6	1	32.9	1365	24
Hoegemeyer	7653Q ↗	QR	106	255.1	15.1	1	32.9	1364	25
Hoegemeyer	7869AM ↗	AM	108	254.1	14.2	3	34.8	1359	26
Renk	RK700SSTX ↗	STX	107	252.8	14.4	1	32.9	1352	27
NK Brand	NK0877-3220 EZR ↗	3220	108	252.7	15.0	1	33.8	1352	28
Hoegemeyer	7772Q ↗	QR	107	251.9	14.8	1	33.8	1348	29
Latham	LH 5847 VT2P RIB ↗	VT2P	108	250.6	14.5	2	34.8	1341	30
Latham	LH 5517 VT2P RIB ↗	VT2P	105	250.4	14.7	1	32.9	1340	31
PIONEER	P0953AM CK	AM	109	264.0	14.8	1	34.8	1412	14
				Averages =	253.9	14.8	2	33.7	1358
				LSD (0.10) =	15.6	0.5	ns		
				LSD (0.25) =	8.2	0.3	ns		
				C.V. =	5.8				
								Historic yield: 191.73 bu/a, 12 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: 11/06/2021

† 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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Full-Season Test	111 - 115 Day CRM B2021IAWC25b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Round Up, Zidua Pro, Headline
SOIL DESCRIPTION:	Sharpsburg silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, medium K, 5.9 pH, 4.8% OM, 19.0 CEC
PEST MANAGEMENT:	Bicep, Callisto, Round Up, Headline
FERTILITY - Applied N:	164 Spring
Applied N-P-K (units):	164-60-100
SEEDED - RATE - ROW:	May 4 /A 30" spacing
HARVESTED - STAND:	Oct 31 33.8 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged well. During stand counts, some strips showed signs of chemical burn from a custom sprayer and caused some lower stand counts on strips. At harvest, plants were tall and looked healthy with very good ear size and good seed depth. The plants were mature and sturdy cobs made shelling easy.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6595V RIB ↗	VT2P	115	296.8	14.9	1	32.9	1588	1
Wyffels	W7956RIB ↗	VT2P	114	282.5	15.2	1	33.8	1510	2
Wyffels	W7876RIB ↗	VT2P	114	281.7	15.9	1	33.8	1500	3
Integra	6410 VT2PRIB ↗	VT2P	114	280.5	15.1	2	34.8	1500	4
Renk	RK821SSTX ↗	STX	111	278.6	15.1	1	33.8	1490	5
Four Star	EXP 2202 ↗	VT2P	111	277.8	14.7	1	33.8	1486	6
Latham	LH 6149 SS RIB ↗	STX	111	277.1	15.0	1	33.8	1482	7
Latham	LH 6477 VT2P RIB ↗	VT2P	114	275.1	16.6	1	33.4	1459	9
Dyna-Gro	D54VC34 ↗	VT2P	114	273.4	14.9	3	33.8	1463	8
Wyffels	W7416 ↗	VT2P	112	272.5	15.1	1	34.8	1457	10
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	271.3	15.3	1	33.8	1449	12
Renk	RK882TRE ↗	TRE	111	271.1	14.8	1	34.8	1450	11
Hefty	H6524 RIB ↗	STX	115	270.7	15.1	2	33.8	1447	13
Wyffels	W7536DG ↗	VT2PDG	112	268.9	14.4	1	33.8	1439	15
Hefty	H6552 ↗	VT2P	115	268.1	15.9	2	34.8	1427	16
Kruger	K1160SS ↗	STX	111	266.4	14.6	1	34.8	1425	17
FS InVision	FS 6306T RIB ↗	TRE	113	265.7	15.1	5	34.8	1421	18
Renk	RK937VT2P ↗	VT2P	113	261.9	15.1	5	31.9	1400	19
Latham	LH 6227 VT2P RIB ↗	VT2P	112	261.7	15.1	1	32.9	1399	21
Hoegemeyer	8447AM ↗	AM	114	261.6	15.0	2	33.8	1400	20
Integra	6162 VT2PRIB ↗	VT2P	111	260.4	15.4	1	33.8	1390	23
Hefty	H6145 TRERIB ↗	TRE	112	260.1	14.4	4	33.8	1392	22
Latham	LH 6146 TRE RIB ↗	TRE	111	259.3	15.6	3	34.8	1383	25
Hefty	H6355 ↗	TRE	113	258.8	14.6	1	34.8	1385	24
Kruger	K1501DP ↗	VT2P	115	257.5	15.2	1	33.8	1376	26
Renk	RK915VT2P ↗	VT2P	115	255.2	15.1	1	33.8	1365	27
Integra	6555 VT2PRIB ↗	VT2P	114	254.4	14.8	1	34.8	1361	28
FS InVision	FS 6194V RIB ↗	VT2P	111	253.0	15.0	4	34.8	1354	29
Integra	6342 TRERIB ↗	TRE	113	250.4	15.3	4	33.8	1338	30
Hefty	H6423 RIB ↗	VT2PDG	114	248.4	15.0	1	31.9	1329	31
PIONEER	P0953AM CK	AM	109	270.2	14.9	1	34.8	1446	14
				Averages =	260.0	15.1	2	33.8	1390
				LSD (0.10) =	16.0	ns	ns		
				LSD (0.25) =	8.4	ns	ns		
				C.V. =	5.8				
				Historic yield: 191.73 bu/a, 12 yr(s)					



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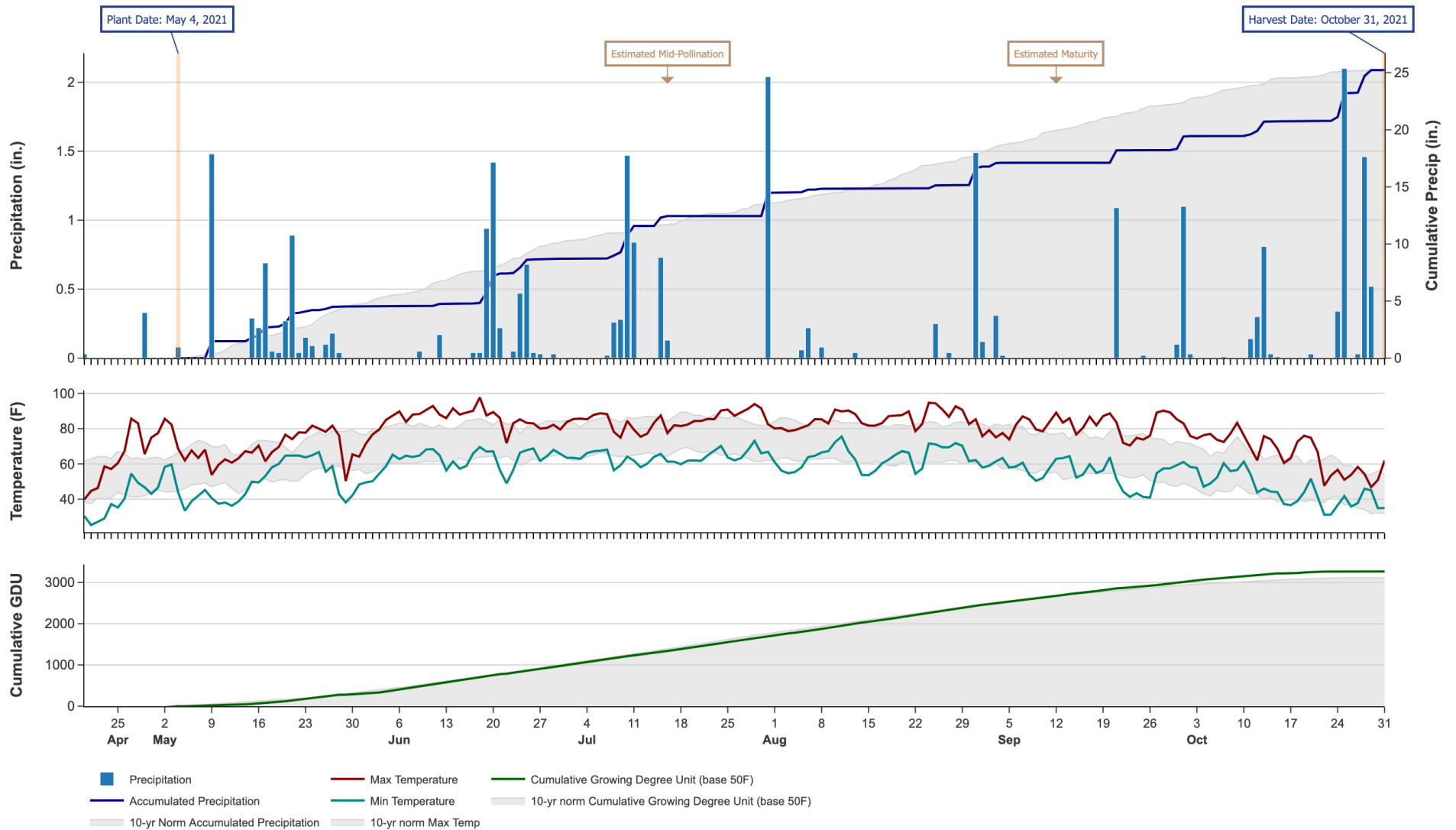
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2021 Corn - Iowa West Central [IAWC]

Weather Conditions Summary at WINTERSET, IA

Weather Data Retrieved: 11/06/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.4 1.3 (-0.9)	4.6 5.4 (-0.8)	4.2 5.4 (-1.2)	5.8 3.4 (+2.4)	2.2 4.2 (-2.0)	1.7 4.6 (-2.9)	6.9 3.1 (+3.8)	25.7 27.3 (-1.6)
GDU Normal (Diff)	66 69 (-3)	358 365 (-7)	683 652 (+30)	733 773 (-40)	733 688 (+44)	559 477 (+81)	266 187 (+78)	3398 3214 (+183)



* 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.