

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2021 Corn Grain Top 30 Harvest Report

Wisconsin South [WISO] WATERTOWN, WI
Dean Weichmann, Jefferson County, WI 53038

Early-Season Test	99 - 104 Day CRM B2021WISO05a
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Dual, Zidua Pro, Roundup (2)
SOIL DESCRIPTION:	Tuscola silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 6.7 pH, 2.2% OM, 7.7 CEC
PEST MANAGEMENT:	Lumax, 41% Glyphos, Banvel
FERTILITY - Applied N:	21 Fall, 9 Planter, 123 Sidedress
Applied N-P-K (units):	153-0-90
SEEDED - RATE - ROW:	Apr 30 35.4 /A 30" spacing
HARVESTED - STAND:	Oct 31 32.2 /A

TEST COMMENTS:

This location was no-till planted into a rye cover crop. Excellent emergence was achieved, but a May frost hit this plot really badly. Due to the cover crops holding cold air close to the ground, plants were literally black above ground at what would have been V2 stage. Because of this, we did not even take stand counts. It was amazing that 95% of the crop recovered and produced respectable yields. Yield variance was acceptable as well.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W2506RIB ↗	VT2P	101	235.7	17.0	1	32.2	1282	1
Augusta	A2050 VT2P ↗	VT2P	100	232.9	17.7	1	32.2	1262	2
Burrus	POWER PLUS 1M78 Q ↗	QR	103	232.7	18.4	1	32.2	1256	3
Renk	RK600VT2P ↗	VT2P	100	230.3	17.8	1	32.2	1247	4
Cornelius	C6400DGDP ↗	VT2PDG	104	226.9	17.4	1	32.2	1232	5
FS InVision	FS 5115X RIB ↗	STX	101	225.9	18.0	1	32.2	1222	6
Hefty	H5442 RIB ↗	VT2P	104	222.9	17.9	1	32.2	1207	8
Cornelius	C385DP ↗	VT2P	103	222.6	17.3	1	32.2	1209	7
Burrus	POWER PLUS 1K18 Q ↗	QR	100	218.9	17.8	1	32.2	1186	9
Brevant	B00M18Q GC ↗	QR	100	217.8	18.2	1	32.2	1177	10
Wyffels	W3018RIB ↗	STX	102	217.3	17.9	1	32.2	1176	11
Augusta	A1849-5122-EZ ↗	5122	99	216.8	18.9	1	32.2	1167	12
Dairyland	DS-4440AM ↗	AM	104	216.3	18.7	1	32.2	1166	13
Golden Harvest	G03B96-5122 EZR ↗	5122	103	215.6	19.4	1	32.2	1158	17
Channel	202-24STXRIB ↗	STX	102	214.6	17.4	1	32.2	1165	14
Dairyland	DS-3959Q ↗	QR	99	214.1	18.6	1	32.2	1155	19
Jung	54DP532 ↗	VT2P	104	213.9	17.4	1	32.2	1161	16
Hefty	H4942 RIB ↗	VT2P	99	213.8	17.2	1	32.2	1162	15
Channel	203-60TRERIB ↗	TRE	103	213.5	18.2	1	32.2	1154	20
Channel	201-14VT2PRIB ↗	VT2P	101	213.4	17.8	1	32.2	1156	18
Integra	5081 DGVT2PRIB ↗	VT2PDG	100	213.3	18.1	1	32.2	1153	21
Dairyland	DS-4014Q ↗	QR	100	211.9	18.5	1	32.2	1143	22
Federal	5300 VT2PRIB ↗	VT2P	103	211.8	18.4	1	32.2	1143	23
Jung	53SS521 ↗	STX	103	211.2	18.3	1	32.2	1141	24
Dairyland	DS-4018AM ↗	AM	101	209.7	18.8	1	32.2	1130	28
DeKalb	DKC53-27RIB GC ↗	STX	103	209.3	17.8	1	32.2	1133	26
Golden Harvest	G99E68-5122 EZR ↗	5122	99	209.0	18.3	1	32.2	1129	29
FS InVision	FS 5098V RIB ↗	VT2P	100	208.3	17.2	1	32.2	1132	27
Hefty	H5432 RIB ↗	VT2P	104	206.9	18.6	1	32.2	1116	31
Wyffels	W2236RIB ↗	VT2P	99	206.8	17.5	1	32.2	1122	30
Pioneer	P0589AMXT CK	AMXT,AQ	105	211.7	19.4	1	32.2	1136	25
				Averages =	209.1	18.1	1	32.2	1131
				LSD (0.10) =	17.2	0.6	ns		
				LSD (0.25) =	9.0	0.3	ns		
				C.V. =	7.8				
Jason Beyers beyers@frontiernet.net, (815) 493-9005				Historic yield: 189.86 bu/a, 21 yr(s)					

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

Report Date: 10/31/2021

† 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

Wisconsin South [WISO] WATERTOWN, WI
Dean Weichmann, Jefferson County, WI 53038

Full-Season Test	105 - 108 Day CRM B2021WISO05b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Dual, Zidua Pro, Roundup (2)
SOIL DESCRIPTION:	Tuscola silt loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 6.7 pH, 2.2% OM, 7.7 CEC
PEST MANAGEMENT:	Lumax, 41% Glyphos, Banvel
FERTILITY - Applied N:	21 Fall, 9 Planter, 123 Sidedress
Applied N-P-K (units):	153-0-90
SEEDED - RATE - ROW:	Apr 30 35.4 /A 30" spacing
HARVESTED - STAND:	Oct 31 32.2 /A

TEST COMMENTS:

This location was no-till planted into a rye cover crop. Excellent emergence was achieved, but a May frost hit this plot really badly. Due to the cover crops holding cold air close to the ground, plants were literally black above ground at what would have been V2 stage. Because of this, we did not even take stand counts. It was amazing that 95% of the crop recovered and produced respectable yields. Yield variance was acceptable as well.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	C6552PC ↗	PC	105	225.0	20.5	1	32.2	1200	1
Federal	5610 PCE ↗	PC,E	106	221.9	20.0	1	32.2	1187	2
Integra	5802 VT2PRIB ↗	VT2P	108	220.5	20.7	1	32.2	1175	4
Dairyland	DS-4510Q ↗	QR	105	219.1	19.3	1	32.2	1177	3
FS InVision	FS 5815V RIB ↗	VT2P	108	217.5	19.7	1	32.2	1166	5
Hefty	H5812 RIB ↗	VT2P	108	213.9	20.7	1	32.2	1140	6
NK Brand	NK0877-3220 EZR ↗	3220	108	212.2	21.8	1	32.2	1124	9
Augusta	A2856-3220-EZ GC ↗	3220	106	212.2	20.6	1	32.2	1131	8
Integra	5719 VT2PRIB ↗	VT2P	107	211.6	19.8	1	32.2	1133	7
Cornelius	C6812DP ↗	VT2P	108	209.8	22.0	1	32.2	1110	12
DeKalb	DKC57-71RIB GC ↗	STX	107	207.8	19.9	1	32.2	1112	10
Renk	RK710DGVT2P ↗	VT2PDG	107	207.6	19.8	1	32.2	1112	11
Dairyland	DS-4878AM ↗	AM	108	203.8	20.9	1	32.2	1085	15
Hefty	H5832 RIB ↗	VT2P	108	203.6	20.7	1	32.2	1085	16
Wyffels	W4358RIB ↗	STX	106	202.9	19.1	1	32.2	1091	13
Hefty	H5655 ↗	TRE	106	201.9	20.3	1	32.2	1078	18
Burrus	POWER PLUS 3W97 Q ↗	QR	107	201.5	19.4	1	32.2	1082	17
Integra	5682 VT2PRIB ↗	VT2P	106	201.3	19.9	1	32.2	1078	19
Wyffels	W5086RIB ↗	VT2P	107	199.5	20.5	1	32.2	1064	20
FS InVision	FS 5515D2 EZR ↗	5222	105	198.0	20.4	1	32.2	1057	21
Golden Harvest	G05K08-5122A EZR ↗	5122A	105	197.5	21.0	1	32.2	1051	24
FS InVision	FS 5704V RIB ↗	VT2P	107	197.2	19.8	1	32.2	1056	22
Renk	RK700SSTX ↗	STX	107	195.9	20.5	1	32.2	1045	25
Integra	5529 VT2PRIB ↗	VT2P	105	195.2	18.5	1	32.2	1053	23
NK Brand	NK0748-5122 EZR ↗	5122	107	194.9	20.6	1	32.2	1039	26
Pioneer	P0825AMXT GC ↗	AMXT	108	193.6	20.5	1	32.2	1033	28
Dairyland	DS-4840AM ↗	AM	108	193.4	19.8	1	32.2	1036	27
Jung	58SS529 ↗	STX	108	193.3	21.6	1	32.2	1025	29
Burrus	POWER PLUS 4C14AM ↗	AM	108	190.6	20.5	1	32.2	1017	31
Jung	55DD520 ↗	VT2PDG	105	190.2	19.7	1	32.2	1019	30
Pioneer	P0589AMXT CK	AMXT,AQ	105	203.4	20.0	1	32.2	1088	14
				Averages =	196.7	20.3	1	32.2	1051
				LSD (0.10) =	21.4	0.9	ns		
				LSD (0.25) =	11.2	0.4	ns		
				C.V. =	10.3				
				Historic yield: 189.86 bu/a, 21 yr(s)					

Jason T. Beyers

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.50

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† 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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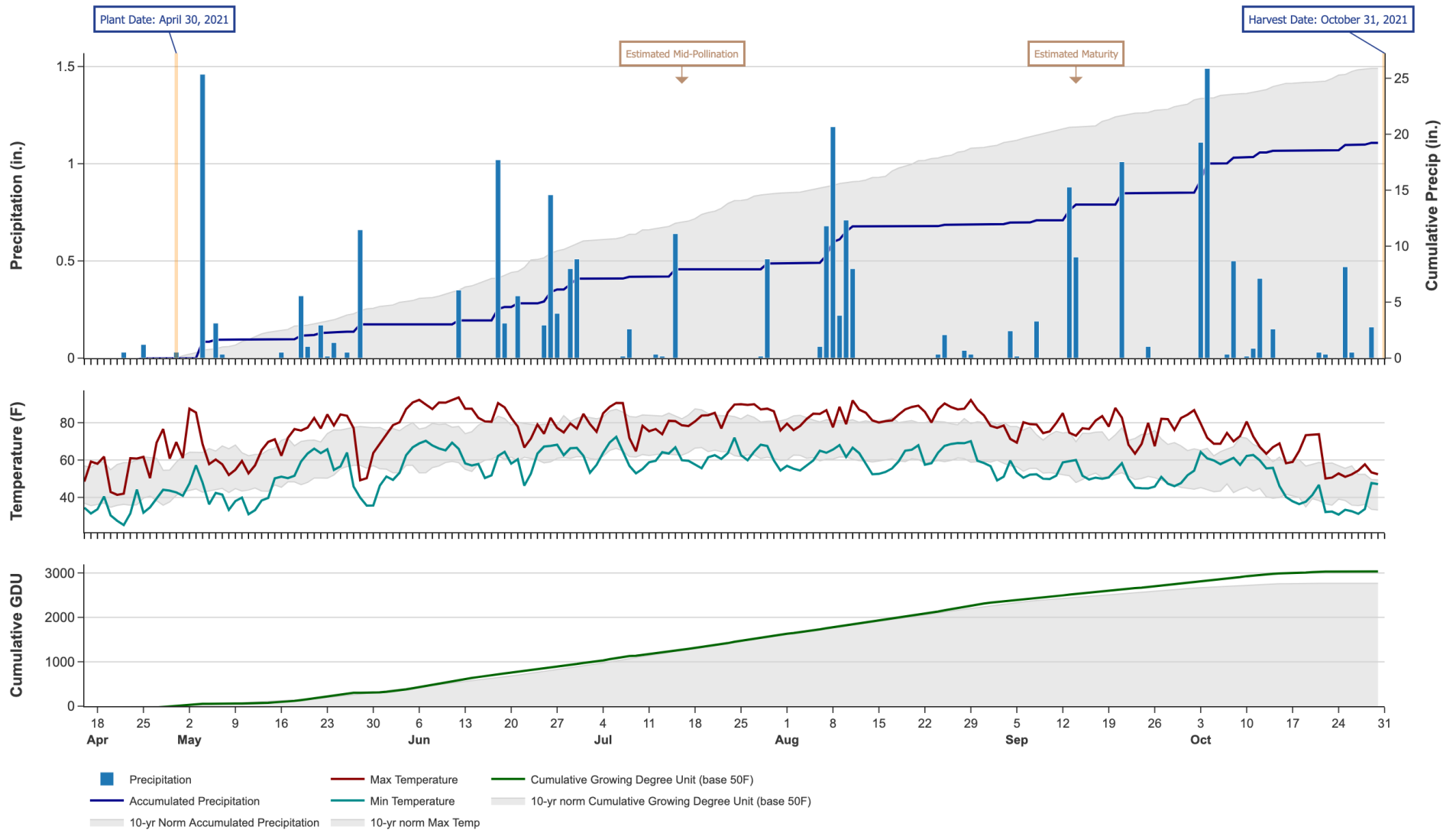
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2021 Corn - Wisconsin South [WISO]

Weather Conditions Summary at WATERTOWN, WI

Weather Data Retrieved: 10/31/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.1 1.8 (-1.7)	3.0 4.6 (-1.6)	4.1 5.6 (-1.5)	1.4 4.6 (-3.2)	3.5 4.1 (-0.6)	2.8 3.7 (-0.9)	4.5 3.3 (+1.1)	19.4 27.7 (-8.3)
GDU Normal (Diff)	49 15 (+33)	311 324 (-13)	640 557 (+82)	663 720 (-57)	699 637 (+61)	441 403 (+37)	279 123 (+155)	3082 2783 (+298)



* 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 - Wisconsin South [WISO]

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1849-5122-EZ	5122	Y	99	AVC,C2
Augusta	A2050 VT2P	VT2P	N	100	AC,P5
Augusta	A2150-5222-EZ	5222	Y	100	CM,C2
Augusta	A3052-5122-EZ	5122	Y	102	CM,C2
Augusta	A4054-3010	3010	N*	104	CM,C2
Brevant	B00M18Q GC	QR	Y	100	Lum,P1V
Burrus	POWER PLUS 1K18 Q	QR	Y	100	BPS
Burrus	POWER PLUS 1M78 Q	QR	Y	103	BPS
Channel	201-14VT2PRIB	VT2P	Y	101	AC,P5,B360
Channel	202-24STXRIB	STX	Y	102	AC,P5V,B-360
Channel	203-60TRERIB	TRE	Y	103	AC,P5,B360
Channel	203-83STXRIB	STX	Y	103	AC,P5V,B-360
Cornelius	C385DP	VT2P	N	103	CM,C2,Vi
Cornelius	C6400DGDP	VT2PDG	N	104	AC250
Croplan	CP3899VT2P GC	VT2P	Y	98	P1V
Dairyland	DS-3959Q	QR	Y	99	Lum,P1V
Dairyland	DS-4014Q	QR	Y	100	Lum,P1V
Dairyland	DS-4018AM	AM	Y	101	Lum,P1V
Dairyland	DS-4310AM	AM	Y	103	Lum,P1V
Dairyland	DS-4440AM	AM	Y	104	Lum,P5V
DeKalb	DKC52-18RIB GC	STX	Y	102	AC,P5V,EDC-EL
DeKalb	DKC53-27RIB GC	STX	Y	103	AC,P5V,EDC-EL
Dyna-Gro	D42SS20	STX	N	102	AC,P5V
Federal	5300 VT2PRIB	VT2P	Y	103	AC,P2,MAG
FS InVision	FS 5098V RIB	VT2P	Y	100	AC,P5V
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V,EDC-EL
FS InVision	FS 53ZX1 RIB	STX	Y	103	AC,P5V
Golden Harvest	G03B96-5122 EZR	5122	Y	103	AVC,C2,Vi
Golden Harvest	G03R40-5222 EZR	5222	Y	103	AVC,C2,Vi
Golden Harvest	G99E68-5122 EZR	5122	Y	99	AVC,C2,Vi
Hefty	H4933 RIB	VT2PDG	Y	99	HC
Hefty	H4942 RIB	VT2P	Y	99	HC
Hefty	H5044 RIB	STX	Y	100	HC
Hefty	H5432 RIB	VT2P	Y	104	HC
Hefty	H5442 RIB	VT2P	Y	104	HC
Integra	5052 STXRIB	STX	Y	100	AC,P5V,EDC-B
Integra	5081 DGVT2PRIB	VT2PDG	Y	100	AC,P5,SU
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P2,SU
Jung	53SS521	STX	Y	103	AC,P5V,EDC-B
Jung	54DP532	VT2P	Y	104	AC,P5,B360
Jung	54SS528	STX	Y	104	AC,P5V,EDC-B
NK Brand	NK0314-5122 EZR	5122	Y	103	AVC,C2,Vi

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NK Brand	NK9991-5122 EZR	5122	Y	99	AVC,C2,Vi
Pioneer	P0075Q GC	QR	Y	100	Lum
Pioneer	P0220Q GC	QR	Y	102	Lum
Pioneer	P0589AMXT CK	AMXT,AQ	Y	105	Lum
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK625DGV2P	VT2PDG	N	104	AC,P5V
Renk	RK642VT2P	VT2P	Y	103	AC,P2
Wyffels	W2236RIB	VT2P	Y	99	AC,P2
Wyffels	W2506RIB	VT2P	Y	101	AC,P2
Wyffels	W2648	STX	N	101	AC,P5V
Wyffels	W3018RIB	STX	Y	102	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 - Wisconsin South [WISO]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1059-3330GT	3330	N	109	CM,C2
Augusta	A1457-5122-EZ GC	5122	Y	107	AVC,C2
Augusta	A2856-3220-EZ GC	3220	Y	106	CM,C2
Brevant	B07H01AM GC	AM	Y	107	Lum,P1V
Burrus	POWER PLUS 3W97 Q	QR	Y	107	Lum,P1V
Burrus	POWER PLUS 4C14AM	AM	Y	108	Lum
Cornelius	C6552PC	PC	N	105	AC,P5V
Cornelius	C6812DP	VT2P	N	108	AC,P5V
Dairyland	DS-4510Q	QR	Y	105	Lum,P1V
Dairyland	DS-4840AM	AM	Y	108	Lum,P5V
Dairyland	DS-4878AM	AM	Y	108	Lum,P1V
DeKalb	DKC56-65RIB GC	STX	Y	105	AC,P5V,EDC-EL
DeKalb	DKC57-71RIB GC	STX	Y	107	AC,P5V,B-360
Federal	5510 VT2PRIB	VT2P	Y	105	AC,P2,MAG
Federal	5610 PCE	PC,E	N	106	AC,P5V,MAG
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
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
Golden Harvest	G05K08-5122A EZR	5122A	Y	105	AVC,C2,Vi
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Hefty	H5444	STX	N	104	HC
Hefty	H5655	TRE	N	106	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P2,SU
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
Jung	55DD520	VT2PDG	Y	105	AC,P5,EDC
Jung	56SS538	STX	Y	106	AC,P5V,EDC-B
Jung	58SS529	STX	Y	108	AC,P5V,EDC-B
NK Brand	NK0748-5122 EZR	5122	Y	107	AVC,C2,Vi
NK Brand	NK0877-3220 EZR	3220	Y	108	AVC,C5,Vi
Pioneer	P0589AMXT CK	AMXT,AQ	Y	105	Lum
Pioneer	P0622Q GC	QR	Y	106	Lum
Pioneer	P0720Q GC	QR	Y	107	Lum
Pioneer	P0825AMXT GC	AMXT	Y	108	Lum
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Wyffels	W4196RIB	VT2P	Y	105	AC,P2
Wyffels	W4246RIB	VT2P	Y	105	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W4358RIB	STX	Y	106	AC,P5V
Wyffels	W5086RIB	VT2P	Y	107	AC,P2
Wyffels	W5518RIB	STX	Y	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.

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

3010	Agrisure® 3010
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5122A	Agrisure® Duracade™ Artesian® 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
AQ	Optimum® AQUAmax®
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
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,MAG	Acceleron® 250, Federal ArmourGuard
AC,P2,SU	Acceleron® 250, StepUp
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5,SU	Acceleron® 500, StepUp
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 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,MAG	Acceleron® Poncho 500/Votivo, Federal ArmourGuard
AVC,C2	Avicta® Complete 250
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P1V	Poncho 1250/Votivo

* Seed treatments may include unspecified plant health promoting components.