

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

2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] NEW LONDON, IA
Bradley Dodds, Henry County, IA

Early-Season Test	106 - 111 Day CRM B2024IASO32a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Taintor silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, medium K, 6.1 pH, 4.9% OM, 31.3 CEC
PEST MANAGEMENT:	Volley At2, Detonate, Power Max 3
FERTILITY - Applied N:	185 Fall
Applied N-P-K (units):	185-50-90
SEEDED - RATE - ROW:	May 19 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 32.6 /A

TEST COMMENTS:

Planting was delayed in this area due to wet conditions. Once the soil was ready it was planted in a very good seedbed. The plot received good rain showers to emerge very well, around the end of July the plot was hit with a hail storm after pollination. At harvest, ears looked very good with no tip back. The top portion of plants had leaf tears. An adjuster claimed that the field could have 7 to 10% yield damage. Plants were standing well with no lodging issues. A very small amount of tar spot could be seen. The area turned dry in the later part of the season. Cobs were strong and made shelling easy. There was no weed pressure. It was a very uniform-looking plot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	279.2	13.7	1	31.9	1189	2
NuTech	71A7V ↗	VE	111	279.2	13.5	1	32.9	1189	3
Wyffels	W6505 ↗	TRE	110	277.2	13.3	1	31.9	1181	4
NuTech	69C7PCE ↗	PCE	109	276.7	13.3	1	32.9	1179	5
FS InVision	FS 6042F RIB ↗	VT4P	110	276.2	14.4	1	30.9	1177	6
FS InVision	FS 5949PC RA ↗	PCE	109	273.6	12.5	1	32.9	1166	7
FS InVision	FS 5947T RIB ↗	TRE	109	270.2	13.4	1	33.8	1151	8
NuTech	68C1V ↗	VE	108	269.2	12.9	1	32.9	1147	9
Merschman	2411C-30 GC ↗	PCE	111	268.2	13.0	1	32.9	1143	10
AgVenture	AV6010AM GC ↗	AM	110	267.2	12.9	1	32.9	1138	11
Wyffels	W6886RIB ↗	VT2P	111	266.9	14.2	1	30.9	1137	12
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	266.7	13.2	1	32.9	1136	13
Renk	RK800VT4PRO ↗	VT4P	110	265.8	13.9	1	33.8	1132	14
NuTech	71A2V ↗	VE	111	265.0	13.1	1	32.9	1129	15
FS InVision	FS 6137PC RA ↗	PCE	111	265.0	13.6	1	30.0	1129	16
Golden Harvest	G11V76-AA ↗	AA	111	264.8	13.7	1	32.9	1128	17
Dyna-Gro	D51VC95RIB ↗	VT2P	111	263.7	13.4	1	32.9	1123	18
Integra	5935PCE ↗	PCE	109	263.3	12.5	1	32.9	1122	19
Golden Harvest	G10L16-DV ↗	DV	110	263.0	13.3	1	32.9	1120	20
NuTech	66D1AM ↗	AM	106	262.3	12.2	1	34.8	1117	21
Dyna-Gro	D49PN05RA ↗	PCE	109	262.3	13.0	1	31.9	1117	22
Wyffels	W5406RIB ↗	VT2P	108	260.2	12.9	1	32.9	1108	23
NK Brand	NK1188-AA ↗	AA	111	259.7	13.8	1	31.9	1106	24
Wyffels	W6215RIB ↗	TRE	109	259.3	12.8	1	30.9	1105	25
Integra	5802 VT2PRIB ↗	VT2P	108	258.2	12.9	1	32.9	1100	26
Dyna-Gro	D50SP65RIB ↗	STXP	110	256.7	12.7	1	31.9	1094	27
NK Brand	NK1056-V ↗	V	110	253.5	13.5	1	32.9	1080	28
Integra	6061 SSRIB ↗	STX	110	247.1	13.9	1	33.8	1053	29
Axis	59D50RIB GC ↗	STX	109	232.9	13.3	1	31.9	992	30
PIONEER	P1027AM CK	AM	110	292.4	13.5	1	33.8	1246	1
				Averages =	265.5	13.3	1	32.6	1131
				LSD (0.10) =	6.5	0.5	ns		
				LSD (0.25) =	3.4	0.2	ns		
				C.V. =	2.3				
				Historic yield: 250.02 bu/a, 3 yr(s)					



Randy Meinsma

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.26

Report Date: 10/23/2024

† 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. ↗ Links to full product yield results at www.firstseedtests.com

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2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] NEW LONDON, IA
Bradley Dodds, Henry County, IA

Full-Season Test	112 - 116 Day CRM B2024IASO32b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Taintor silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, medium K, 6.1 pH, 4.9% OM, 31.3 CEC
PEST MANAGEMENT:	Volley At2, Detonate, Power Max 3
FERTILITY - Applied N:	185 Fall
Applied N-P-K (units):	185-50-90
SEEDED - RATE - ROW:	May 19 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 32.7 /A

TEST COMMENTS:

Planting was delayed in this area due to wet conditions. Once the soil was ready it was planted in a very good seedbed. The plot received good rain showers to emerge very well, around the end of July the plot was hit with a hail storm after pollination. At harvest, ears looked very good with no tip back. The top portion of plants had leaf tears. An adjuster claimed that the field could have 7 to 10% yield damage. Plants were standing well with no lodging issues. A very small amount of tar spot could be seen. The area turned dry in the later part of the season. Cobs were strong and made shelling easy. There was no weed pressure. It was a very uniform-looking plot.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6447T RIB ↗	TRE	114	299.8	15.2	1	33.8	1275	1
Wyffels	W7876RIB ↗	VT2P	114	298.1	15.1	1	32.9	1268	2
Wyffels	W7485 ↗	TRE	112	297.1	14.6	1	33.8	1266	3
NuTech	74A5PCE ↗	PCE	114	296.4	14.7	1	32.9	1263	4
NuTech	73A4AM ↗	AM	113	296.2	15.0	1	32.9	1261	5
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	290.1	15.0	1	32.9	1235	7
NuTech	72C1PCE ↗	PCE	112	289.8	14.5	1	31.9	1235	8
Wyffels	W7945RIB ↗	TRE	114	289.5	15.0	1	32.9	1233	9
Renk	RK876VT2P ↗	VT2P	113	289.3	15.3	1	32.9	1229	11
Hoegemeyer	8418AM ↗	AM	114	288.7	14.5	1	33.8	1230	10
Dyna-Gro	D53VC54RIB ↗	VT2P	113	288.6	15.2	1	32.9	1227	12
NuTech	70B4AM ↗	AM	110	288.0	14.1	1	32.9	1227	13
Wyffels	W8086RIB ↗	VT2P	114	284.7	15.2	1	32.9	1210	14
Titan Pro	40-13 PCE ↗	PCE	113	282.3	13.9	1	33.8	1203	15
FS InVision	FS 6595V RIB ↗	VT2P	115	282.0	14.9	1	32.9	1201	16
Renk	RK921VT2P ↗	VT2P	115	280.5	15.0	1	31.9	1195	17
Integra	6624TRERIB ↗	TRE	116	278.3	14.8	1	32.9	1186	18
Renk	RK825VT4P ↗	VT4P	112	277.7	15.1	2	31.9	1182	19
FS InVision	FS 6545V RIB ↗	VT2P	115	277.5	14.7	1	33.8	1182	20
Golden Harvest	G12U11-AA ↗	AA	112	276.5	15.0	1	32.9	1178	21
NK Brand	NK1480-DV ↗	DV	114	275.8	14.7	1	31.9	1175	22
NK Brand	NK1228-AA ↗	AA	112	274.7	14.6	1	32.9	1170	23
Titan Pro	28-14 PCE ↗	PCE	114	274.0	15.3	1	31.9	1164	25
FS InVision	FS 6349PC RA ↗	PCE	113	273.8	14.4	1	32.9	1166	24
Renk	RK958VT2P ↗	VT2P	115	273.4	15.3	1	34.8	1161	27
Dyna-Gro	D56TC44RIB ↗	TRE	116	273.0	15.0	1	33.8	1163	26
NK Brand	NK1523-V ↗	V	115	270.7	15.5	1	32.9	1148	30
Hoegemeyer	8684PCE ↗	PCE	116	270.4	14.8	1	32.9	1152	28
Integra	6244PCE ↗	PCE	112	269.9	13.7	1	33.8	1150	29
NuTech	75C1PCE ↗	PCE	115	269.6	15.3	1	31.9	1146	31
PIONEER	P1027AM CK	AM	110	295.6	14.3	1	31.9	1259	6
				Averages =	280.4	14.8	1	32.7	1194
				LSD (0.10) =	6.4	0.4	ns		
				LSD (0.25) =	3.3	0.2	ns		
				C.V. =	2.2	Historic yield: 250.02 bu/a, 3 yr(s)			

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.26

Report Date: 10/23/2024

† 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. ↗ Links to full product yield results at www.firstseedtests.com

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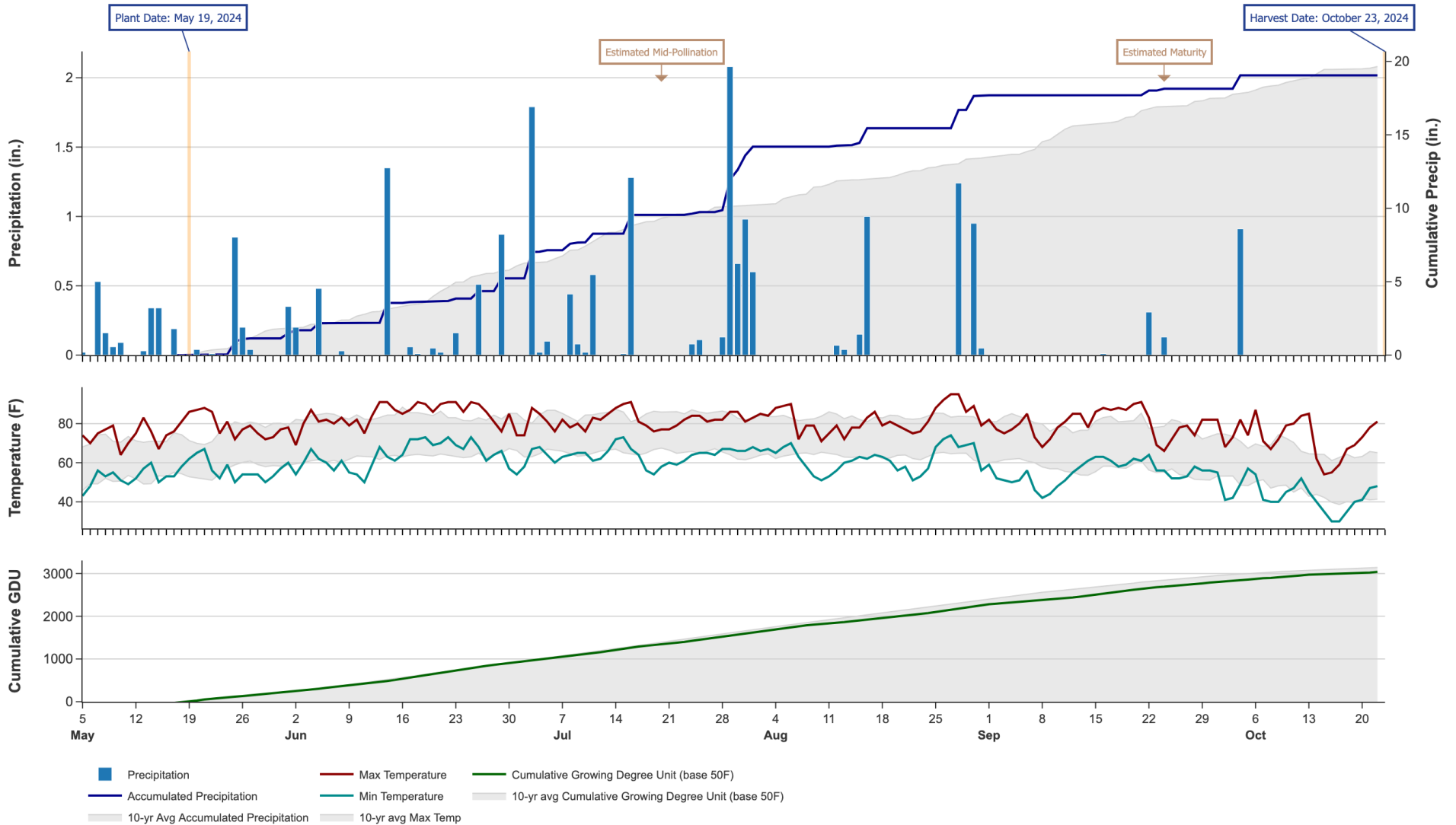
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2024 Corn - Iowa South [IASO]

Weather Conditions Summary at NEW LONDON, IA

Weather Data Retrieved: 10/23/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.9 4.0 (-1.1)	4.1 4.0 (+0.1)	8.4 4.4 (+3.9)	4.1 3.2 (+0.9)	0.5 4.1 (-3.6)	0.9 2.2 (-1.2)	20.8 21.8 (-1.0)
GDU Avg (Diff)	424 378 (+45)	699 693 (+5)	691 769 (-78)	664 725 (-61)	528 549 (-21)	250 200 (+49)	3256 3315 (-59)



* 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.

2024 Corn - Iowa South [IASO]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV6010AM GC	AM	Y	110	Lum
Axis	59D50RIB GC	STX	Y	109	AC,P5V
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D50SP65RIB	STXP	Y	110	AC,P5V,EDC-B
Dyna-Gro	D51VC95RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 5949PC RA	PCE	Y	109	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V
FS InVision	FS 6137PC RA	PCE	N	111	AC,P5V
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C1,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
Integra	6061 SSRIB	STX	Y	110	AC,P5V,St,SU
LG Seeds	LG58C48VT2PRIB GC	VT2P	Y	108	AC,P5V
Merschman	2411C-30 GC	PCE	N*	111	NA
NK Brand	NK1056-V	V	Y	110	CM,C2,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	CM,C5,Vi,Va
NuTech	66D1AM	AM	Y	106	LumPro P2
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	71A2V	VE	Y	111	LumPro P2
NuTech	71A7V	VE	Y	111	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Wyffels	W5406RIB	VT2P	Y*	108	CM,C2,Vi,Va
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va

* 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.

2024 Corn - Iowa South [IASO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G15U34-V	V	Y	115	CM,C2,Vi,Va
Hoegemeyer	8418AM	AM	Y	114	Lum, L1
Hoegemeyer	8684PCE	PCE	Y	116	Lum, L1
Integra	6244PCE	PCE	N	112	NA
Integra	6493 VT2PRIB	VT2P	Y*	114	NA
Integra	6624TRERIB	TRE	Y	116	NA
NK Brand	NK1228-AA	AA	Y	112	CM,C1,Vi,Va
NK Brand	NK1307-DV	DV	Y	113	CM,C1,Vi,Va
NK Brand	NK1386-VZ	VZ	Y	113	CM,C2,Vi,Va
NK Brand	NK1480-DV	DV	Y	114	CM,C5,Vi,Va
NK Brand	NK1523-V	V	Y	115	CM,C5,Vi,Va
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
NuTech	75C1PCE	PCE	Y	115	LumPro P2
Pioneer	P1027AM CK	AM	Y	110	Lum
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Renk	RK921VT2P	VT2P	N	115	AC,P5V,EDC-EL
Renk	RK958VT2P	VT2P	Y*	115	AC,P2
Titan Pro	28-14 PCE	PCE	N	114	CM,C2,Vi,Va
Titan Pro	40-13 PCE	PCE	Y	113	CM,C2,Vi,Va
Wyffels	W7485	TRE	N	112	AC,P5V
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	CM,C2,Vi,Va

* 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

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Technologies

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
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,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematocide

* Seed treatments may include unspecified plant health promoting components.