

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

2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] BLOOMFIELD, IA
David & Ray Boas, Davis County, IA 52537

Early-Season Test	106 - 111 Day CRM B2024IASO36a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Soybeans / Zidua Sc, Liberty, Roundup
SOIL DESCRIPTION:	Kniffin silt loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, medium K, 7.1 pH, 3.0% OM, 19.8 CEC
PEST MANAGEMENT:	Dual Plus 24, Atrazine, Callisto
FERTILITY - Applied N:	148 Spring, 11 Sidedress, 30 gal Ortho 4-10-10
Applied N-P-K (units):	159-63-63
SEEDED - RATE - ROW:	Apr 15 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 2 30.8 /A

TEST COMMENTS:

This plot was planted mid April and conditions were very good. The first 3 weeks after planting the plot received 7 3/4 inches of rainfall which caused some emergence issues. The location ended about 2 1/2 inches above normal for the year and yields were very good. The plants were short with ear placement low on the stalk. Ears were well pollinated and girthy. Gray leaf spot and some tar spot was seen in the plot. Some hybrids had lodging issues with plants laid over and cleared cobs. One replicate was removed from the early-season test due to several damaged strips, possibly from wildlife.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5935PCE ↗	PCE	109	292.1	15.4	1	31.9	1143	1
Axis	59D50RIB GC ↗	STX	109	285.2	16.9	1	30.5	1099	2
Wyffels	W6505 ↗	TRE	110	276.4	17.8	1	31.9	1055	4
FS InVision	FS 5949PC RA ↗	PCE	109	276.3	15.1	1	31.9	1085	3
FS InVision	FS 6042F RIB ↗	VT4P	110	274.0	19.4	1	31.9	1029	6
Dyna-Gro	D50SP65RIB ↗	STXP	110	269.9	16.5	1	31.9	1045	5
FS InVision	FS 5947T RIB ↗	TRE	109	265.5	16.4	1	30.5	1029	7
Wyffels	W5406RIB ↗	VT2P	108	263.4	16.8	1	31.9	1016	9
NuTech	69C7PCE ↗	PCE	109	262.6	16.5	1	29.0	1016	10
NuTech	71A2V ↗	VE	111	262.0	17.3	1	30.5	1006	12
FS InVision	FS 6137PC RA ↗	PCE	111	261.5	16.6	1	31.9	1011	11
NuTech	68C1V ↗	VE	108	261.0	15.7	1	30.5	1019	8
Merschman	2411C-30 GC ↗	PCE	111	258.1	18.0	1	31.9	984	14
NuTech	71A7V ↗	VE	111	257.2	17.5	1	31.9	986	13
AgVenture	AV6010AM GC ↗	AM	110	253.3	17.6	1	29.0	969	16
Integra	5802 VT2PRIB ↗	VT2P	108	253.2	16.5	1	30.5	980	15
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	253.0	17.6	1	30.5	968	17
Golden Harvest	G11V76-AA ↗	AA	111	251.7	18.5	1	31.9	954	20
Renk	RK800VT4PRO ↗	VT4P	110	249.5	19.7	1	29.0	934	24
NK Brand	NK1188-AA ↗	AA	111	249.2	17.4	1	30.5	955	19
NK Brand	NK1056-V ↗	V	110	248.7	16.5	1	30.5	962	18
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	246.2	17.3	1	30.5	945	22
Dyna-Gro	D51VC95RIB ↗	VT2P	111	242.1	17.0	1	30.5	932	25
NuTech	66D1AM ↗	AM	106	238.4	15.0	1	30.5	937	23
Wyffels	W6215RIB ↗	TRE	109	238.4	16.9	1	31.9	918	26
Integra	6061 SSRIB ↗	STX	110	235.8	17.3	1	30.5	905	28
Dyna-Gro	D49PN05RA ↗	PCE	109	234.4	15.9	3	30.5	913	27
Golden Harvest	G10L16-DV ↗	DV	110	207.8	16.9	1	30.5	801	29
Wyffels	W6886RIB ↗	VT2P	111	187.7	17.6	13	30.5	718	30
PIONEER	P1027AM CK	AM	110	248.4	17.3	1	29.0	954	21
				Averages =	253.4	17.0	1	30.8	976
				LSD (0.10) =	26.8	1.0	ns		
				LSD (0.25) =	13.9	0.5	ns		
				C.V. =	8.0				
				Historic yield: 210.83 bu/a, 6 yr(s)					

Randy Meinsma

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.93

Report Date: 10/02/2024

† 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] BLOOMFIELD, IA
David & Ray Boas, Davis County, IA 52537

Full-Season Test	112 - 116 Day CRM B2024IASO36b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Sc, Liberty, Roundup
SOIL DESCRIPTION:	Kniffin silt loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, medium P, medium K, 7.1 pH, 3.0% OM, 19.8 CEC
PEST MANAGEMENT:	Dual Plus 24, Atrazine, Callisto
FERTILITY - Applied N:	148 Spring, 11 Sidedress, 30 gal Ortho 4-10-10
Applied N-P-K (units):	159-63-63
SEEDED - RATE - ROW:	Apr 15 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 2 31.2 /A

TEST COMMENTS:

This plot was planted mid April and conditions were very good. The first 3 weeks after planting the plot received 7 3/4 inches of rainfall which caused some emergence issues. The location ended about 2 1/2 inches above normal for the year and yields were very good. The plants were short with ear placement low on the stalk. Ears were well pollinated and girthy. Gray leaf spot and some tar spot was seen in the plot. Some hybrids had lodging issues with plants laid over and cleared cobs. One replicate was removed from the early-season test due to several damaged strips, possibly from wildlife.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7876RIB ↗	VT2P	114	302.1	19.8	1	30.0	1129	1
FS InVision	FS 6349PC RA ↗	PCE	113	294.4	18.4	1	31.9	1117	2
Dyna-Gro	D56TC44RIB ↗	TRE	116	291.4	18.1	1	30.0	1109	3
Wyffels	W8086RIB ↗	VT2P	114	289.6	19.3	1	30.9	1088	5
Wyffels	W7945RIB ↗	TRE	114	287.7	18.9	1	30.9	1085	6
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	285.9	19.1	1	30.9	1077	7
Integra	6493 VT2PRIB ↗	VT2P	114	284.4	19.1	1	30.0	1071	8
Titan Pro	40-13 PCE ↗	PCE	113	284.1	17.2	1	30.9	1091	4
Renk	RK825VT4P ↗	VT4P	112	282.5	19.3	1	31.9	1061	10
Renk	RK876VT2P ↗	VT2P	113	282.4	19.6	1	30.9	1058	11
FS InVision	FS 6545V RIB ↗	VT2P	115	282.0	18.3	1	30.9	1071	9
Renk	RK921VT2P ↗	VT2P	115	279.5	18.8	1	30.9	1056	12
NuTech	70B4AM ↗	AM	110	277.3	18.5	1	30.9	1051	13
Wyffels	W7759RIB ↗	STXP	113	276.8	18.3	1	30.0	1051	14
FS InVision	FS 6595V RIB ↗	VT2P	115	276.2	18.9	1	30.9	1042	16
NuTech	74A5PCE ↗	PCE	114	276.1	18.1	1	31.9	1051	15
Golden Harvest	G12U11-AA ↗	AA	112	268.7	19.8	1	31.9	1004	17
Integra	6624TRERIB ↗	TRE	116	262.7	18.8	1	30.9	992	19
NK Brand	NK1228-AA ↗	AA	112	262.6	18.1	1	30.9	1000	18
Hoegemeyer	8418AM ↗	AM	114	261.9	19.2	1	30.9	985	21
NuTech	72C1PCE ↗	PCE	112	260.4	18.2	1	30.9	990	20
Integra	6244PCE ↗	PCE	112	259.9	18.7	1	31.9	983	22
Wyffels	W7485 ↗	TRE	112	256.0	20.7	1	30.0	947	25
FS InVision	FS 6447T RIB ↗	TRE	114	253.0	19.7	1	31.9	946	26
NuTech	73A4AM ↗	AM	113	251.8	17.6	1	30.9	963	24
NK Brand	NK1523-V ↗	V	115	248.4	19.8	1	30.9	928	30
NuTech	75C1PCE ↗	PCE	115	247.6	19.3	1	30.9	930	29
NK Brand	NK1386-VZ ↗	VZ	113	247.5	18.0	2	31.9	943	27
NK Brand	NK1307-DV ↗	DV	113	246.3	18.0	1	31.9	938	28
Golden Harvest	G15U34-V ↗	V	115	243.0	18.1	1	31.9	925	31
PIONEER	P1027AM CK	AM	110	257.8	18.1	1	31.9	981	23
				Averages =	265.9	18.9	1	31.2	1003
				LSD (0.10) =	9.9	1.0	ns		
				LSD (0.25) =	5.2	0.5	ns		
				C.V. =	3.5	Historic yield: 210.83 bu/a, 6 yr(s)			

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.93

Report Date: 10/02/2024

† 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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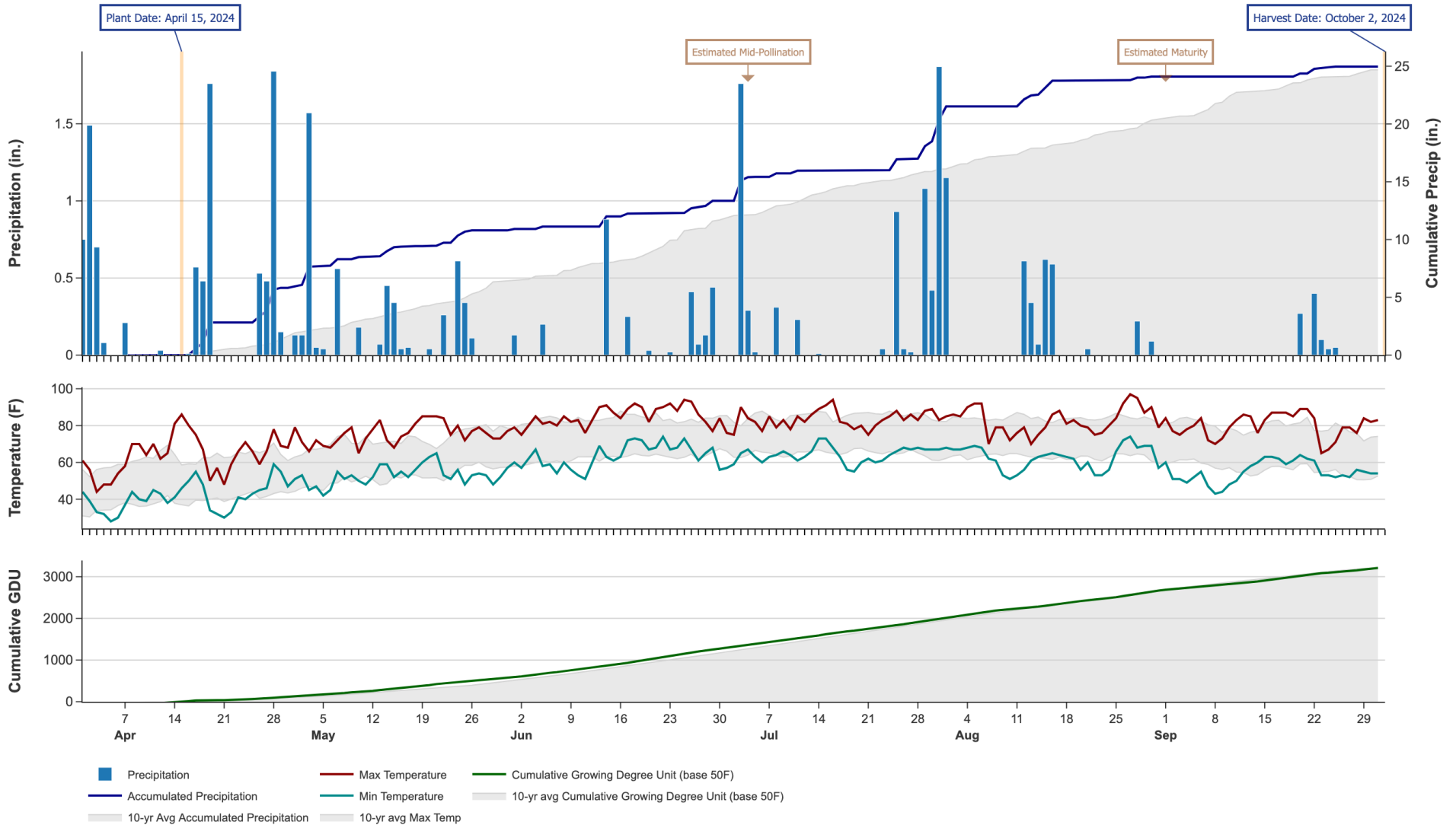
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2024 Corn - Iowa South [IASO]

Weather Conditions Summary at BLOOMFIELD, IA

Weather Data Retrieved: 10/02/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	9.1 2.8 (+6.3)	5.0 4.7 (+0.2)	2.6 5.3 (-2.7)	7.0 4.4 (+2.6)	3.7 4.3 (-0.6)	0.9 4.3 (-3.4)	0.0 0.0 (0.0)	28.2 25.8 (+2.4)
GDU Avg (Diff)	206 120 (+85)	454 391 (+62)	701 686 (+14)	718 771 (-53)	675 726 (-51)	526 534 (-8)	18 13 (+4)	3298 3244 (+53)



* 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.