

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

2024 Corn Grain Top 30 Harvest Report

Iowa South [IASO] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Early-Season Test 106 - 111 Day CRM
B2024IASO34a

Top 30 of 30 For Gross Income
(Sorted by Yield)
Average of (2) Replications

PREV. CROP/HERB: Soybeans / Enlist 2
SOIL DESCRIPTION: Kennebec silt loam, mod. well
drained, non-irrigated
SOIL CONDITION: No-Till, very high P, very high K,
7.0 pH, 3.2% OM, 16.9 CEC
PEST MANAGEMENT: Parallel Plus, Glyphosate,
Atrazine 4l
FERTILITY - Applied N: 198 Spring
Applied N-P-K (units): 198-0-0
SEEDED - RATE - ROW: Apr 24 35.0 /A 30" spacing
HARVESTED - STAND: Sep 24 32.3 /A

TEST COMMENTS:

Planting conditions were very good and the seed emerged very well, there were no issues with pollination. The ears were large and filled to the tip, and there was no weed pressure. Brent and Steve could not believe the rapid dry down in the area. Tar spot came in late in the season and could be seen throughout the plot. Stalks were tall and showing signs of weakness from the rapid dry down but that did not cause an issue during harvest. Most of the ears were tipped downward and holding well. Due to an inadvertent error, the first rep of the early-season test and most of the first rep of the full was harvested by mistake, and are not included in the report. Brent and Steve stated that yields were very good this year, and it's the earliest they have started harvest with very dry corn.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank		
NuTech	69C7PCE ↗	PCE	109	301.8	14.4	1	29.0	1186	1		
NuTech	71A7V ↗	VE	111	291.3	14.3	1	33.3	1145	3		
Wyffels	W6505 ↗	TRE	110	285.5	14.2	1	33.3	1122	4		
FS InVision	FS 5947T RIB ↗	TRE	109	284.2	14.1	1	33.3	1117	5		
AgVenture	AV6010AM GC ↗	AM	110	284.1	14.0	1	33.3	1117	6		
FS InVision	FS 6042F RIB ↗	VT4P	110	283.6	14.6	1	30.5	1115	7		
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	283.3	15.0	1	31.9	1113	8		
NK Brand	NK1188-AA ↗	AA	111	282.2	15.1	1	33.3	1108	9		
FS InVision	FS 6137PC RA ↗	PCE	111	281.5	14.6	1	33.3	1106	10		
Merschman	2411C-30 GC ↗	PCE	111	281.1	14.1	1	33.3	1105	11		
Wyffels	W6886RIB ↗	VT2P	111	280.8	15.9	3	31.9	1093	15		
NuTech	68C1V ↗	VE	108	279.7	15.3	1	31.9	1096	13		
NuTech	71A2V ↗	VE	111	279.4	14.5	1	31.9	1098	12		
FS InVision	FS 5949PC RA ↗	PCE	109	278.6	14.0	1	33.3	1095	14		
Dyna-Gro	D51VC95RIB ↗	VT2P	111	273.9	14.1	1	31.9	1076	16		
Wyffels	W5406RIB ↗	VT2P	108	269.7	14.4	1	31.9	1060	17		
Integra	5935PCE ↗	PCE	109	269.5	14.5	1	33.3	1059	18		
NuTech	66D1AM ↗	AM	106	268.0	14.8	1	30.5	1053	19		
NK Brand	NK1056-V ↗	V	110	267.5	14.8	1	31.9	1051	20		
Integra	5802 VT2PRIB ↗	VT2P	108	266.4	13.8	1	31.9	1047	21		
Wyffels	W6215RIB ↗	TRE	109	266.0	14.0	1	33.3	1045	22		
Renk	RK800VT4PRO ↗	VT4P	110	262.3	14.2	1	33.3	1030	23		
Integra	6061 SSRIB ↗	STX	110	260.2	16.1	1	30.5	1011	27		
Axis	59D50RIB GC ↗	STX	109	259.6	14.2	3	33.3	1020	24		
Dyna-Gro	D49PN05RA ↗	PCE	109	258.2	13.6	1	33.3	1014	25		
Golden Harvest	G11V76-AA ↗	AA	111	257.9	14.8	1	31.9	1014	26		
Golden Harvest	G10L16-DV ↗	DV	110	255.5	14.0	1	31.9	1004	28		
LG Seeds	LG58C48VT2PRIB GC ↗	VT2P	108	255.0	12.8	1	33.3	1002	29		
Dyna-Gro	D50SP65RIB ↗	STXP	110	254.4	13.1	1	31.9	1000	30		
PIONEER	P1027AM CK	AM	110	299.1	14.7	1	31.9	1175	2		
				Averages =	274.0	14.4	1	32.3	1076		
				LSD (0.10) =	7.7	0.7	ns				
				LSD (0.25) =	4.0	0.4	ns				
				C.V. =	2.1						
				Historic yield: 225.77 bu/a, 14 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: 09/24/2024

† 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] FARRAGUT, IA
Steve Lorimor, Fremont County, IA 51639

Full-Season Test 112 - 116 Day CRM
B2024IASO34b

Top 30 of 36 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybeans / Enlist 2
SOIL DESCRIPTION: Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION: No-Till, very high P, very high K, 7.0 pH, 3.2% OM, 16.9 CEC
PEST MANAGEMENT: Parallel Plus, Glyphosate, Atrazine 4l
FERTILITY - Applied N: 198 Spring
Applied N-P-K (units): 198-0-0
SEEDED - RATE - ROW: Apr 24 35.0 /A 30" spacing
HARVESTED - STAND: Sep 24 32.6 /A

TEST COMMENTS:

Planting conditions were very good and the seed emerged very well, there were no issues with pollination. The ears were large and filled to the tip, and there was no weed pressure. Brent and Steve could not believe the rapid dry down in the area. Tar spot came in late in the season and could be seen throughout the plot. Stalks were tall and showing signs of weakness from the rapid dry down but that did not cause an issue during harvest. Most of the ears were tipped downward and holding well. Due to an inadvertent error, the first rep of the early-season test and most of the first rep of the full was harvested by mistake, and are not included in the report. Brent and Steve stated that yields were very good this year, and it's the earliest they have started harvest with very dry corn.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	8418AM ↗	AM	114	294.7	16.2	1	31.9	1144	4
NuTech	74A5PCE ↗	PCE	114	294.6	15.1	1	31.9	1157	2
Titan Pro	40-13 PCE ↗	PCE	113	292.5	14.1	1	31.9	1150	3
Wyffels	W8086RIB ↗	VT2P	114	289.5	16.2	1	30.5	1124	6
Wyffels	W7945RIB ↗	TRE	114	288.6	15.4	1	34.8	1130	5
NuTech	75C1PCE ↗	PCE	115	286.9	16.0	1	33.3	1116	9
FS InVision	FS 6447T RIB ↗	TRE	114	285.4	15.4	1	34.8	1118	7
Golden Harvest	G12U11-AA ↗	AA	112	285.2	16.2	1	30.5	1107	10
FS InVision	FS 6349PC RA ↗	PCE	113	284.6	15.1	1	31.9	1117	8
NuTech	73A4AM ↗	AM	113	282.8	16.4	1	31.9	1096	12
NuTech	70B4AM ↗	AM	110	281.4	14.5	1	31.9	1106	11
NK Brand	NK1386-VZ ↗	VZ	113	279.5	16.0	1	30.5	1087	14
Wyffels	W7485 ↗	TRE	112	279.2	15.2	1	34.8	1095	13
FS InVision	FS 6545V RIB ↗	VT2P	115	277.3	16.1	1	33.3	1078	16
Renk	RK958VT2P ↗	VT2P	115	276.1	15.3	1	34.8	1082	15
NK Brand	NK1228-AA ↗	AA	112	274.0	16.1	1	33.3	1065	18
Dyna-Gro	D56TC44RIB ↗	TRE	116	273.5	15.0	1	31.9	1075	17
FS InVision	FS 6595V RIB ↗	VT2P	115	271.8	16.5	1	34.8	1052	22
Golden Harvest	G15U34-V ↗	V	115	271.8	16.7	1	34.8	1050	24
Integra	6624TRERIB ↗	TRE	116	270.4	15.8	6	33.8	1054	20
Renk	RK921VT2P ↗	VT2P	115	269.6	15.8	1	31.9	1051	23
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	269.2	14.5	1	33.3	1058	19
Integra	6244PCE ↗	PCE	112	268.1	14.5	1	33.3	1054	21
Renk	RK825VT4P ↗	VT4P	112	267.2	16.5	1	31.9	1034	28
Titan Pro	28-14 PCE ↗	PCE	114	266.2	15.3	1	31.9	1043	25
Wyffels	W7759RIB ↗	STXP	113	266.1	16.5	2	31.9	1030	30
NK Brand	NK1480-DV ↗	DV	114	265.7	16.2	1	30.9	1031	29
NuTech	72C1PCE ↗	PCE	112	265.6	15.5	1	33.3	1038	26
Wyffels	W7876RIB ↗	VT2P	114	263.4	15.0	2	33.8	1035	27
Renk	RK876VT2P ↗	VT2P	113	262.3	15.2	4	31.9	1029	31
PIONEER	P1027AM CK	AM	110	294.8	14.5	1	31.9	1159	1
				Averages =	273.7	15.7	2	32.6	1068
				LSD (0.10) =	12.1	0.6	ns		
				LSD (0.25) =	6.3	0.3	ns		
				C.V. =	4.2				
								Historic yield: 225.77 bu/a, 14 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: 09/24/2024

† 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

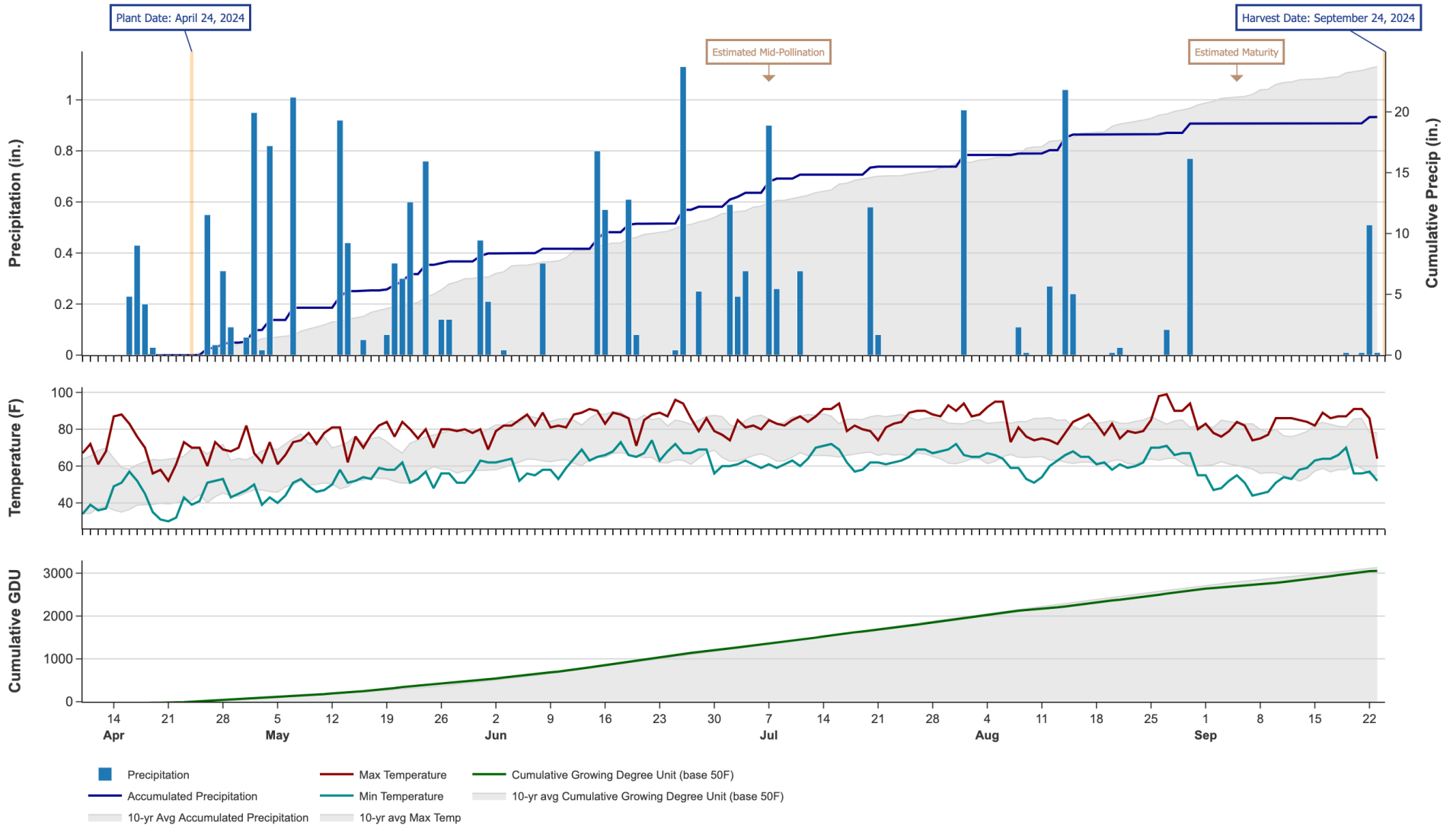
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2024 Corn - Iowa South [IASO]

Weather Conditions Summary at FARRAGUT, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	1.9 2.3 (-0.3)	7.1 5.5 (+1.6)	4.0 4.9 (-0.9)	3.3 4.4 (-1.1)	3.5 4.8 (-1.3)	0.5 3.1 (-2.6)	20.5 25.0 (-4.6)
GDU Avg (Diff)	188 129 (+58)	447 407 (+39)	704 719 (-15)	726 779 (-53)	684 726 (-42)	434 446 (-12)	3183 3208 (-25)



* 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.