

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

## 2024 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRGINIA, IL  
Zach Virgin, Cass County, IL

<b>Early-Season Test</b>	105 - 111 Day CRM B2024ILWC30a
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of ( ) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Zidua Pro, Roundup Powermax (2)
<b>SOIL DESCRIPTION:</b>	Hartsburg silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Strip-Till, very high P, high K, 6.6 pH, 3.3% OM, 22.2 CEC
<b>PEST MANAGEMENT:</b>	Bicep li, Aatrax (2x), Gramoxone SI, 2,4-D Lv6, Armezon, Sterling Blue, Miravis Neo, Fence, Lancer 2ec
<b>FERTILITY - Applied N:</b>	150 Fall, 18 Spring, P&K variable, Smart B-Mo applied at Foliar/Rescue
<b>Applied N-P-K (units):</b>	168-0-0
<b>SEEDED - RATE - ROW:</b>	May 19 37.5 /A " spacing
<b>HARVESTED - STAND:</b>	

### TEST COMMENTS:

*This corn location was planted in very nice conditions and emerged well. Growing conditions all season were very nice in this area and the plot showed lots of potential. Unfortunately on October 13 with dry conditions and very strong winds, a fire erupted and went across the plot as well as tillage equipment in order to keep the fire from spreading. The only thing that matters is our producer and family were unharmed and the fire was put out safely. A reminder of the potential dangers during such a dry harvest season!*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
<b>Lost to fire and containment tillage</b>									
				Averages =					
				LSD (0.10) =	ns	ns	ns		
				LSD (0.25) =	ns	ns	ns		
				C.V. =	Historic yield: 241.26 bu/a, 2 yr(s)				
<b>Yield &amp; Income Factors:</b>		Base Moisture = 15%		Shrink = 1.2		Drying = \$0.00		Prices: GMO = \$3.75	



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Report Date: 10/15/2024

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† 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](http://www.firstseedtests.com)

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## 2024 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] VIRGINIA, IL  
Zach Virgin, Cass County, IL

<b>Full-Season Test</b>	112 - 116 Day CRM B2024ILWC30b
<b>Top 30 of 63</b>	For Gross Income (Sorted by Yield) Average of ( ) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Zidua Pro, Roundup Powermax (2)
<b>SOIL DESCRIPTION:</b>	Hartsburg silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Strip-Till, very high P, high K, 6.6 pH, 3.3% OM, 22.2 CEC
<b>PEST MANAGEMENT:</b>	Bicep li, Aatraz (2x), Gramoxone SI, 2,4-D Lv6, Armezon, Sterling Blue, Miravis Neo, Fence, Lancer 2ec
<b>FERTILITY - Applied N:</b>	150 Fall, 18 Spring, P&K variable, Smart B-Mo applied at Foliar/Rescue
<b>Applied N-P-K (units):</b>	168-0-0
<b>SEEDED - RATE - ROW:</b>	May 19 37.5 /A " spacing
<b>HARVESTED - STAND:</b>	

### TEST COMMENTS:

*This corn location was planted in very nice conditions and emerged well. Growing conditions all season were very nice in this area and the plot showed lots of potential. Unfortunately on October 13 with dry conditions and very strong winds, a fire erupted and went across the plot as well as tillage equipment in order to keep the fire from spreading. The only thing that matters is our producer and family were unharmed and the fire was put out safely. A reminder of the potential dangers during such a dry harvest season!*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
<b>Lost to fire and containment tillage</b>									
				Averages =					
				LSD (0.10) =	ns	ns	ns		
				LSD (0.25) =	ns	ns	ns		
				C.V. =				Historic yield: 241.26 bu/a, 2 yr(s)	
<b>Yield &amp; Income Factors:</b>		Base Moisture = 15%	Shrink = 1.2	Drying = \$0.00	Prices: GMO = \$3.75				



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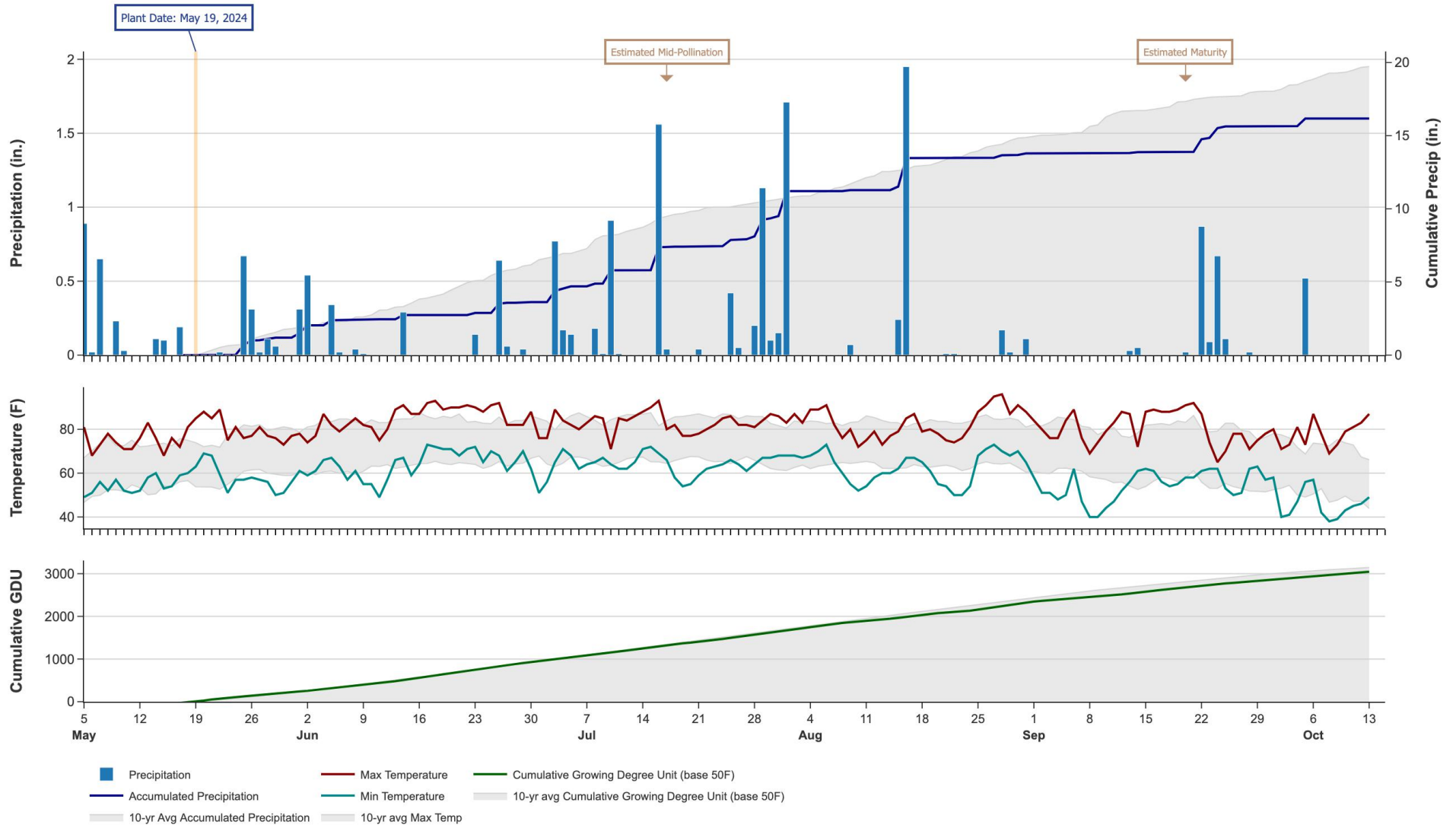
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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# 2024 Corn - Illinois West Central [ ILWC ]

## Weather Conditions Summary at VIRGINIA, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	3.4   4.2 (-0.8)	2.4   4.4 (-1.9)	5.9   4.5 (+1.4)	4.3   4.2 (+0.1)	1.9   3.2 (-1.3)	0.5   1.7 (-1.2)	18.4   22.1 (-3.8)
GDU   Avg (Diff)	450   409 (+40)	712   702 (+9)	711   778 (-67)	684   725 (-41)	527   564 (-37)	192   155 (+36)	3276   3336 (-60)



\* 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 - Illinois West Central [ ILWC ]

### Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV2208V	VE	Y	108	Lum, L1
AgVenture	AV2411V	VE	Y	111	Lum, L1
AgVenture	AV3310PCE	PCE	Y	110	Lum, L1
AgVenture	AV5710PCE	PCE	Y	110	Lum
AgVenture	AV6010AM	AM	Y	110	Lum
Burrus	4W42 PCE	PCE	Y	108	Lum, L1
Burrus	POWER PLUS 4P27 VE	VE	Y	108	Lum, L1
Burrus	POWER PLUS 4V73AM	AM	Y	109	Lum, L1
Cornelius	C7026PCE	PCE	N	110	CM,C2,Vi,Va
DeKalb	DKC110-41RIB GC	TRE	Y	110	AC,P5V
DeKalb	DKC111-33RIB GC	STXP	Y	111	AC,P5V,EDC-EL
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 5935X RIB	STX	Y	109	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 6025X RIB	STX	Y	110	AC,P5V
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
Golden Harvest	G08U00-V	V	Y	108	CM,C1,Vi,Va
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Vi,Va
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Great Heart	HT-6950PCE	PCE	N	109	F,I
Great Heart	HT-7151PCE	PCE	N	111	F,I
Green Valley	EXP8153	PCE	Y	111	AC,P5V
Green Valley	EXP8253	PCE	Y	111	AC,P5V
Integra	5775 VT2PRIB	VT2P	Y	107	AC,P5V,St,SU
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	LG62C73VT2PRO	VT2P	N	111	AC,P5V
NuTech	66C2V	VE	Y	106	LumPro P2
NuTech	66D1AM	AM	Y	106	LumPro P2
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69B5V	VE	Y	109	LumPro P2
NuTech	70B4AM	AM	Y	110	LumPro P2
Pioneer	P0529Q GC	QR	Y	105	Lum, L1
Pioneer	P0720Q GC	QR	Y	107	Lum
Pioneer	P0924Q GC	QR	Y	109	Lum
Pioneer	P10477Q GC	QR	Y	110	Lum
Pioneer	P1185Q CK	QR	Y	111	Lum, L1
ProHarvest	79P54 STAXPRO GC	STXP	Y	109	AC,P5V,EDC-EL

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
ProHarvest	80P75 PCE	PCE	Y	110	AC,P5V,EDC-EL
ProHarvest	81P20 PCE	PCE	Y	111	AC,P5V,Va
ProHarvest	81P65 V GC	V	Y	111	CM,C2,Vi,Va
ProHarvest	X24640 GC	V	Y	107	CM,C2,Vi,Va
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Wyffels	W6215RIB	TRE	Y*	109	CM,C2,Vi,Va
Wyffels	W6479	STXP	N	110	AC,P5V
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va
Wyffels	W7048RIB	STX	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 - Illinois West Central [ ILWC ]

### Full-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV3213AM	AM	Y	113	Lum
AgVenture	AV3514AML	AML	Y	114	Lum
AgVenture	AV4112PCE	PCE	Y	112	Lum, L1
AgVenture	AV4713PCE	PCE	Y	113	Lum
AgVenture	AV9916AM	AM	Y	116	Lum
Burrus	6N54 VT2P	VT2P	Y	113	AC,P5V,EDC-EL
Burrus	6U77 SSP	STXP	Y	113	AC,P5V,EDC-EL
Cornelius	C6D72 VT2P	VT2P	N	114	CM,C2,Vi,Va
Cornelius	C7216VT4P	VT4P	N	112	P5V,Lu
Cornelius	C7308TRE	TRE	N	113	CM,C2,Vi,Va
Cornelius	C7366DGGDP	VT2PDG	N	113	CM,C2,Vi,Va
DeKalb	DKC112-29RIB GC	STXP	Y	112	AC,P5V,EDC-EL
DeKalb	DKC114-42RIB GC	STXP	Y	114	Treated
DeKalb	DKC114-99RIB GC	VT4P	Y	114	AC,P1V
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V
DeKalb	DKC66-17RIB GC	STX	Y	116	AC,P5V,EDC-EL
Dyna-Gro	D53SP85RIB	STXP	Y	113	AC,P5V
FS InVision	FS 6349PC RA	PCE	Y	113	CM,C2,Vi,Va
FS InVision	FS 6432P RIB	STXP	Y	114	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 6625V RIB	VT2P	Y	116	AC,P5V
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Vi,Va
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Golden Harvest	G14B32-DV	DV	Y	114	CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	CM,C5,Vi,Va
Great Heart	HT-7272PCE	PCE	N	112	F,I
Great Heart	HT-7360VT2P	VT2P	N	113	F,I
Great Heart	HT-7393VT2P	VT2P	Y	113	F,I
Great Heart	HT-7500TRE	TRE	N	115	F,I
Green Valley	8212	VT2P	Y	113	AC,P5V
Green Valley	8233	PCE	N	112	AC,P2
Green Valley	8352	VT2P	Y	113	AC,P5V
Green Valley	8422	VT2P	Y	114	AC,P2
Green Valley	8433	PCE	N	114	AC,P2
Integra	6244PCE	PCE	N	112	Treated
Integra	6274 VT2PRIB	VT2P	Y	112	Treated
Integra	6365SSPRO	STXP	Y	113	Treated
Integra	6493 VT2PRIB	VT2P	Y*	114	Treated
LG Seeds	LG63C32SSP GC	STXP	N	113	AC,P5V
LG Seeds	LG64C43VT2RIB	VT2P	Y*	114	AC,P5V
LG Seeds	LG65C30VT2	VT2P	N	115	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NuTech	70F6V	VE	Y	110	LumPro P2
NuTech	71A7V	VE	Y	111	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
NuTech	73A6AML	AML	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
Pioneer	P1185Q CK	QR	Y	111	Lum, L1
Pioneer	P1366Q GC	QR	Y	113	Lum, L1
Pioneer	P1383AM GC	AM	Y	113	Lum, L1
Pioneer	P14830AML GC	AML	Y	114	Lum, L1
ProHarvest	83P66 VT2PRIB	VT2P	Y*	113	AC,P5V,Va
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,Va
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
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

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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

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AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
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

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

## Corn Seed Treatments\*

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NA	Not Available
AC,P1V	Acceleron® Poncho 1250/Votivo
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
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
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®
F,I	Fungicide, Insecticide
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
P5V,Lu	Poncho 500/Votivo, Lumiante™
Treated	Treated seed, unspecified

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\* Seed treatments may include unspecified plant health promoting components.