

Test by: Effingham, IL

2021 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM, IL

Tom Beyers, Marion County, IL 62870

Early-Season Test	107 - 112 Day CRM B2021ILSO04a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Dicamba
SOIL DESCRIPTION:	Hoyleton/Cisne silt loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, low K, 5.8 pH, 1.1% OM, 10.4 CEC
PEST MANAGEMENT:	Aatrex, Dual, Callisto
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-200-0
SEDED - RATE - ROW:	May 14 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 1 36.5 /A

TEST COMMENTS:

This location was planted mid May in perfect conditions. Emergence was excellent. Late season plant health was good. The great growing season and above normal rainfall resulted in excellent average yields. Another good location. Due to rain and then persistent wet conditions, the full-season test was not harvested.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Axis	63H27 ↗	VT2P	112	256.8	18.5	1	38.1	1268	1
DeKalb	DKC62-53RIB GC ↗	VT2P	112	253.7	16.8	1	36.8	1265	2
DeKalb	DKC63-57RIB GC ↗	VT2P	113	249.0	17.5	2	35.1	1236	3
Axis	63D28 ↗	VT2P	112	247.9	16.7	2	37.3	1236	4
Wyffels	W7536DG ↗	VT2PDG	112	246.9	17.7	1	34.4	1224	7
Wyffels	W6826RIB ↗	VT2P	111	246.3	16.8	2	35.8	1228	5
FS InVision	FS 6107T RIB ↗	TRE	111	245.8	16.6	1	38.8	1227	6
Axis	63W23 ↗	VT2PDG	112	245.6	17.9	1	37.8	1216	9
Augusta	A1060-3330 ↗	3330	110	245.4	17.7	1	36.6	1217	8
NuTech	70A8AM ↗	AM	110	245.0	17.5	1	37.3	1216	10
FS InVision	FS 6217X RIB ↗	STX	112	244.9	17.5	2	36.6	1215	11
Axis	62V29 ↗	VT2P	112	244.7	17.4	1	38.1	1215	12
Stone	1221TRERIB ↗	TRE	112	243.4	18.0	2	38.1	1205	15
NuTech	72D4AM ↗	AM	112	242.5	16.9	3	34.4	1208	13
Golden Harvest	G10L16-5222 EZR ↗	5222	110	242.2	16.8	1	38.1	1208	14
NuTech	68B3AML ↗	AML	108	240.5	17.7	1	35.8	1193	16
FS InVision	FS 6194V RIB ↗	VT2P	111	240.3	17.5	1	35.8	1193	17
Stone	6072RIB ↗	VT2P	110	238.6	17.8	1	34.4	1182	19
Pioneer	P1185AM GC ↗	AM	111	238.6	18.0	1	35.8	1181	20
Dyna-Gro	D51VC67 ↗	VT2P	110	238.4	16.7	1	36.6	1190	18
Wyffels	W7416 ↗	VT2P	112	237.8	17.4	3	34.4	1181	21
Hefty	H6145 TRERIB ↗	TRE	112	237.0	17.3	3	36.6	1178	23
FS InVision	FS 6017V RIB ↗	VT2P	110	236.2	16.5	5	35.1	1180	22
Great Heart	HT-7256DGV2P ↗	VT2PDG	112	235.1	17.3	1	35.1	1169	26
Hefty	H5832 RIB ↗	VT2P	108	235.1	17.1	1	38.8	1170	25
NuTech	68A7AM ↗	AM	108	235.1	16.5	1	35.8	1174	24
Renk	RK937VT2P ↗	VT2P	113	233.0	17.2	2	36.6	1159	28
Hefty	H6132 RIB ↗	VT2P	111	232.4	17.4	1	34.4	1154	30
DeKalb	DKC62-89RIB GC ↗	TRE	112	232.3	16.2	4	36.8	1162	27
Golden Harvest	G11V76-3120 EZR ↗	3120	111	232.2	17.2	2	35.8	1155	29

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Averages = **233.7** **17.2** **2** **36.5** **1162**

LSD (0.10) = 14.4 0.6 1

LSD (0.25) = 7.6 0.3 1

C.V. = 6.8

Historic yield: 140.71 bu/a, 20 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.04

Report Date: 10/12/2021

† 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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Full-Season Test	113 - 117 Day CRM B2021ILSO04b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of () Replications
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PEST MANAGEMENT:	Aatrex, Dual, Callisto
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-200-0
SEDED - RATE - ROW:	May 14 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 1

TEST COMMENTS:

This location was planted mid May in perfect conditions. Emergence was excellent. Late season plant health was good. The great growing season and above normal rainfall resulted in excellent average yields. Another good location. Due to rain and then persistent wet conditions, the full-season test was not harvested.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
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Full-season test not harvested yet

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Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns


C.V. =

Historic yield: 140.71 bu/a, 20 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.04

Report Date: 10/12/2021

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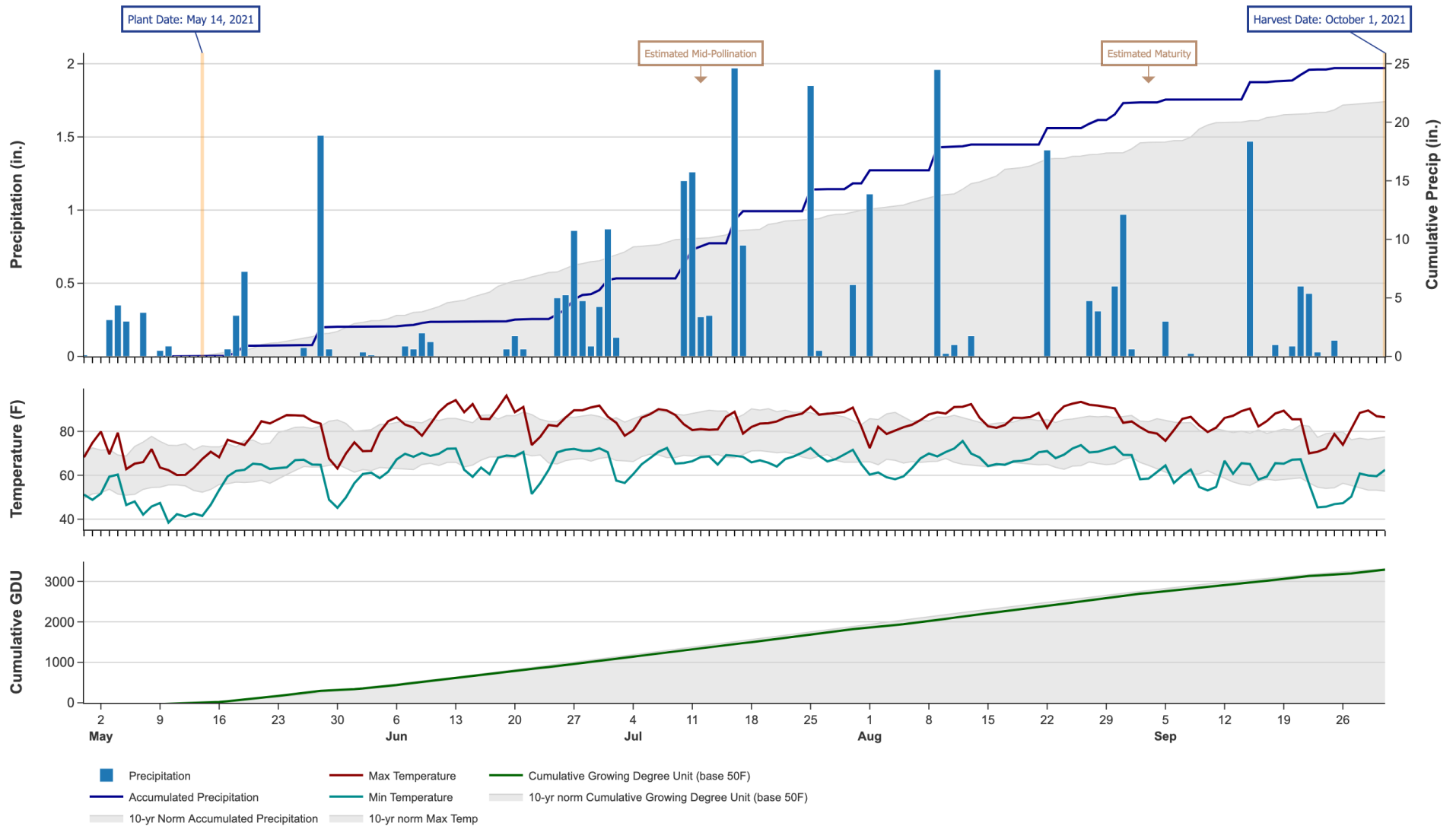
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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2021 Corn - Illinois South [ILSO]

Weather Conditions Summary at SALEM, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.0 0.3 (-0.3)	3.8 4.8 (-1.0)	3.1 5.7 (-2.6)	9.1 4.3 (+4.8)	6.9 4.9 (+1.9)	3.0 4.3 (-1.3)	0.0 0.1 (-0.1)	25.9 24.4 (+1.4)
GDU Normal (Diff)	10 10 (0)	456 508 (-52)	732 756 (-24)	791 842 (-51)	804 785 (+18)	618 590 (+27)	24 15 (+8)	3435 3507 (-72)



* 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 - Illinois South [ILSO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330	3330	N	110	CM,C2
Augusta	A1259-5222	5222	N	109	CM,C2
Axis	61P24	VT2P	Y	111	AC,P2
Axis	62V29	VT2P	Y	112	AC,P2
Axis	63D28	VT2P	Y	112	AC,P2
Axis	63H27	VT2P	Y	112	AC,P2
Axis	63W23	VT2PDG	Y	112	AC,P2
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5,B360
DeKalb	DKC62-53RIB GC	VT2P	Y	112	AC,P5,B360
DeKalb	DKC62-89RIB GC	TRE	Y	112	AC,P5,B360
DeKalb	DKC63-57RIB GC	VT2P	Y	113	AC,P5,B360
DeKalb	DKC63-91RIB GC	VT2P	Y	113	AC,P5,B360
Dyna-Gro	D51VC67	VT2P	N	110	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V,EDC-EL
FS InVision	FS 6107T RIB	TRE	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V
Golden Harvest	G10L16-5222 EZR	5222	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-3120 EZR	3120	Y	111	AVC,C5,Vi
Great Heart	HT-7148TRE	TRE	Y	111	AC,P5V
Great Heart	HT-7256DGV2P	VT2PDG	Y	112	AC,P5V
Great Heart	HT-7275DGV2P	VT2PDG	Y	112	AC,P5V
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hefty	H6132 RIB	VT2P	Y	111	HC
Hefty	H6145 TRERIB	TRE	Y	112	HC
Hefty	H6252	VT2P	N	112	HC
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	68B3AML	AML	Y	108	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
NuTech	72D4AM	AM	Y	112	Lum,P1V
Pioneer	P1077AM GC	AM,AQ	Y	110	Lum
Pioneer	P1108Q GC	QR	Y	111	Lum
Pioneer	P1185AM GC	AM	Y	111	Lum
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK895DGV2P	VT2PDG	N	113	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Stone	1132TRERIB	TRE	Y	111	AC,P5,B360
Stone	1221TRERIB	TRE	Y	112	AC,P5,B360

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Stone	6072RIB	VT2P	Y	110	AC,P2,B360
Wyffels	W6826RIB	VT2P	Y	111	AC,P2
Wyffels	W6906RIB	VT2P	Y	111	AC,P2
Wyffels	W6978RIB	STX	Y	111	AC,P5V
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	AC,P2

* 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 - Illinois South [ILSO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Burrus	6Y61 DGVT2P	VT2PDG	Y	113	AC,P5V,B-300
Burrus	7K64 DGVT2P	VT2PDG	Y	115	BPS
DeKalb	DKC65-95RIB GC	VT2P	Y	115	AC,P5,B360
DeKalb	DKC67-94RIB GC	TRE	Y	117	AC,P5,B360
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5,B360
FS InVision	FS 6606T RIB	TRE	Y	116	AC,P5V
Gateway	0714VT2PRIB	VT2P	Y	114	AC250
Gateway	0916TRE GC	TRE	N	116	AC,P5V
Gateway	1913TRE	TRE	N	113	AC,P5V,B-360
Gateway	9714VT2P GC	VT2P	N	114	AC,P5V
Golden Harvest	G13P84-3120 EZR	3120	Y	113	AVC,C5,Vi
Golden Harvest	G14N11-5222 EZR	5222	Y	114	AVC,C5,Vi
Golden Harvest	G16Q82-3120A EZR	3120A	Y	116	AVC,C5,Vi
Great Heart	HT-7337VT2P	VT2P	Y	113	AC,P5V
Great Heart	HT-7425DGV2P	VT2PDG	Y	114	AC,P5V
Great Heart	HT-7443VT2P	VT2P	Y	114	AC,P5V
Hefty	H6354	STX	N	113	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6423 RIB	VT2PDG	Y	114	HC
Hefty	H6532 VT2PRIB	VT2P	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
NK Brand	NK1321-3120 EZR	3120	Y	113	AVC,C5,Vi
NK Brand	NK1460-5222 EZR	5222	Y	114	AVC,C5,Vi
NK Brand	NK1523-3220 EZR	3220	Y	115	AVC,C5,Vi
NK Brand	NK1661-3120A EZR	3120A	Y	116	AVC,C5,Vi
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V
NuTech	77A5AM	AM	Y	117	Lum,P1V
Pioneer	P1380AM GC	AM	Y	113	Lum
ProHarvest	83P33 DGV2PRIB	VT2PDG	Y	113	AC,P5V
ProHarvest	84P93 DGV2PRIB	VT2PDG	Y	114	AC,P5V
ProHarvest	86P23 VT2PRIB	VT2P	Y	116	AC,P5V
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK945DGV2P	VT2PDG	Y	116	AC,P2
Stone	1512TRERIB	TRE	Y	115	AC,P5,B360
Stone	6542RIB	VT2P	Y	115	AC,P2,B360

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Stone	DG6382RIB	VT2PDG	Y	113	AC,P5,B360
Wyffels	W7726RIB	VT2P	Y	113	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	AC,P2
Wyffels	W8148RIB	STX	Y	115	AC,P5V
Wyffels	W8936DGRIB	VT2PDG	Y	117	AC,P2

* 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

3120	Agrisure® 3120 (CB,HX,LL,GT)
3120A	Agrisure® Artesian® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AQ	Optimum® AQUAmax®
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,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT
AC,P5V,EDC- EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo

* Seed treatments may include unspecified plant health promoting components.