

# 2025 Corn Seed Treatment Portfolio

The 2025 LumiGEN<sup>®</sup> seed treatments corn portfolio maximizes yield potential by protecting elite corn genetics. With a unique, industry-leading combination of ingredients, the portfolio offers early-season corn protection from diseases, insects and harmful nematodes.

# FUNGICIDE SEED TREATMENT

#### Lumiscend<sup>™</sup> Pro fungicide treatment

- Most robust fungicide seed treatment available in the industry with a 1-3 bu/A advantage<sup>1</sup>
- Provides enhanced disease protection with multiple modes of action, including metalaxylresistant *Pythium* species
- Unique active ingredient, inpyrfluxam, against *Rhizoctonia* and *Fusarium*

#### Lumiflex<sup>™</sup> fungicide seed treatment

- Provides proven early season protection against seed- and soil-borne diseases, including *Rhizoctonia* and *Fusarium*
- Also provides unparalleled protection against head smut

# **INSECTICIDE SEED TREATMENTS**

#### **Premium Package**

#### Lumisure® 250 insecticide seed treatment

Proven insecticide with broad-spectrum activity

#### Lumivia® 250 insecticide seed treatment

• Enhances control and pest spectrum, including fall armyworm, black cutworm, seed corn maggot, wireworm and white grub

### **Enhanced CRW Package**

#### Lumisure® 1250 insecticide seed treatment

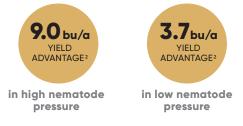
 Added protection against corn rootworm for improved stand establishment and lodging

### **NEMATICIDE SEED TREATMENT**

#### Lumialza® nematicide seed treatment

- Expanding bio-barrier shields roots
- 80+ days of root growth protection
- · Activity against all harmful corn nematode species

#### Lumialza Advantage over FST/IST



# BIOLOGICAL

#### L-2012 R bio-fungicide (Exclusive to Corteva Agriscience)

- Bio-fungicide protection
- Provides an enhanced root environment, allowing increased root mass and healthier roots
- Improved nutrient uptake

	PREMIUM PACKAGE	ENHANCED CORN ROOTWORM PACKAGE				
Fungicide seed treatment						
Lumiscend <sup>™</sup> Pro (inpyrfluxam, ethaboxam, metalaxyl)	•	•				
Lumiflex™	•	•				
L-2012 R biofungicide	•	•				
Insecticide/Nematicide seed treatments						
Lumivia <sup>®</sup> 250	•					
Lumisure® 250	•					
Lumisure <sup>®</sup> 1250		•				
Lumialza® nematicide	•	•				



### LUMIALZA® NEMATICIDE SEED TREATMENT

#### Early-season key nematode protection

Shields roots from all key nematode species, including **sting**, **root-knot**, **needle**, **dagger**, **lance**, **lesion** and **stubby-root** 

- 80+ days of root protection in all root zones
- · Yield advantage in low- and high-pressure environments
  - Up to 9 bu/A yield advantage under heavier nematode pressure<sup>3</sup>
  - 3.7 bu/A average yield advantage under low nematode pressure<sup>3</sup>

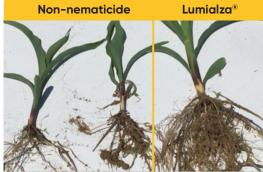
Pest	Premium Package Lumialza® bio-nematicide Lumivia® 250 Lumisure® 250	Enhanced CRW Package Lumialza® bio-nematicide Lumisure® 1250	Bayer Option Poncho® Votivo® 500	Cruiser® 500
Corn Nematodes	+++	+++	++	-
Wireworm	+++	++++	+++	+++
Cutworm	++++	++	+*	+*
Fall Armyworm	++++	-	-	-
Seed Corn Maggot	+++	+++	+++	+++
White Grub	+++	++++	+++	+++
Grape Colaspis	+++	+++	++	++
Billbug	++	+++	-	-
Flea Beetle	++	+++	+++	+++
Corn Rootworm	-	++	-	-
	LumiGEN. Seed Treatments			

### **Insecticide Seed Treatments Characterization**



NEMATICIDE SEED TREATMENT





- No control

+ Feeding reduction ++ Average protection +++ Above average protection ++++ Excellent protection \* labeled for control

Lumialza°



Lumiviaï

Lumiscend<sup>®</sup>Pro

3 to 9 bu/a depending on nematode species and population, in 184 low stress and 54 moderate to high stress locations. The information descried in the characterization chart is based on a review of product labels. These comparisons include one rate. Additional seed treatment options are available with all brands compared.

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representative of Corteva Agriscience or its affiliates. Not all sales representatives offer treatment services, and costs and other charges may vary. See your sales representative for details. Seed applied technologies exclusive to Corteva Agriscience and its affiliates. <sup>1</sup> 2020-2022 Corteva research trials in 80 locations.

<sup>2</sup> Lumialza® nematicide seed treatment vs. non-nematicide seed treatment utilizing the same insecticide and fungicide recipe in seed applied technology replicated and strip trial data. Yields ranged from

Components of LumiGEN® seed treatments are applied at a

Corteva Agriscience production facility, or by an independent sales