

The 2025 LumiGEN® 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™ Pro fungicide treatment

- Most robust fungicide seed treatment available in the industry with a 1-3 bu/A advantage¹
- Provides enhanced disease protection with multiple modes of action, including metalaxyl-resistant *Pythium* species
- Unique active ingredient, inpyrfluxam, against *Rhizoctonia* and *Fusarium*

Lumiflex™ 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



in high nematode pressure



in low nematode pressure

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™ Pro (inpyrfluxam, ethaboxam, metalaxyl) | ● | ● |
| Lumiflex™ | ● | ● |
| L-2012 R biofungicide | ● | ● |
| Insecticide/Nematicide seed treatments | | |
| Lumivia® 250 | ● | |
| Lumisure® 250 | ● | |
| Lumisure® 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 pressure³
 - **3.7 bu/A** average yield advantage under low nematode pressure³

Lumialza®

NEMATICIDE SEED TREATMENT

Lumialza® Bio-barrier



Non-nematicide

Lumialza®



Insecticide Seed Treatments Characterization

| 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 | - | ++ | - | - |



- No control
 + Feeding reduction ++ Average protection +++ Above average protection ++++ Excellent protection
 * labeled for control



AgVenture.com/corntreatments

Lumialza®

NEMATICIDE SEED TREATMENT

Lumisure®

INSECTICIDE SEED TREATMENT

Lumivia™

INSECTICIDE SEED TREATMENT

Lumiscend™ Pro

FUNGICIDE SEED TREATMENT

Lumiflex™

SEED TREATMENT FUNGICIDE

Components of LumiGEN® seed treatments are applied at a Corteva Agriscience production facility, or by an independent sales 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.

¹ 2020-2022 Corteva research trials in 80 locations.

² 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

3 to 9 bu/a depending on nematode species and population, in 184 low stress and 54 moderate to high stress locations.

The information described 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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