

OUR ENHANCED CORN ROOTWORM PACKAGE PROTECTS AGAINST CROP-DAMAGING INSECT PESTS

1250 rate offers genetics, traits and treatment to deliver industry-leading results on CRW. Delivered at the highest labeled rate, Lumisure™ insecticide seed treatment (Clothianidin) enhances protection against corn rootworm larvae, wireworm, grub, grape colaspis, billbug and flea beetle.



Northern Corn Rootworm Beetle

Protection Against Crop-Damaging Pests¹

| | Enhanced CRW Package Lumialza™ nematicide seed treatment Lumisure™ insecticide seed treatment 1250 | Bayer Option Poncho® Vovito® 500 | Regional Seed Co. Option Cruiser® 250 |
|-----------------|---|--|---|
| Corn Nematodes | +++ | ++ | - |
| Wireworm | ++++ | +++ | ++ |
| Cutworm | ++ | + ² | + ² |
| Seedcorn Maggot | +++ | +++ | ++ |
| White Grub | ++++ | +++ | ++ |
| Grape Colaspis | +++ | ++ | ++ |
| Billbug | +++ | - | - |
| Flea Beetle | +++ | ++ | ++ |
| Corn Rootworm | ++ | - | - |



Corn Rootworm Larva



Corn Ear Damage Due To Corn Rootworm

Key

- No Control or not labeled

+ Feeding reduction

²labeled for control

++ Average protection

+++ Above average protection

++++ Excellent protection

Yield Benefit:

3 bu/A benefit over mid-rate insecticide seed treatment.²

¹Data is based on 10-state broad-acre head-to-head strip trial comparing 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.

²Corteva Agriscience replicated research 2019-2020.

ACTIVE AGAINST ALL KEY NEMATODE SPECIES

Lumialza™ nematicide seed treatment (*B. amyloliquefaciens* PTA-4838) is a biological nematicide that shields corn roots from harmful nematodes while cooperating with beneficial organisms.

Proven performance is delivered as Lumialza™ nematicide seed treatment expands the bio-barrier to **shield roots, inhibiting contact** and **paralyzing nematodes**.

Key Benefits:

- Provides 80+ days of root protection
- Full coverage provides activity against all key nematode species – **sting, needle, lance, stubby-root, root-knot, dagger** and **lesion**
- Improved yields in low- and high-pressure environments
 - Up to **9 bu/A** yield increase in high-pressure environments¹
 - **3.7 bu/A** average yield increase under low pressure¹
 - Available with **Lumisure™** insecticide seed treatment



Normal Nematode Movement



Nematode Paralysis



Bio-Barrier

Untreated

Lumialza™ nematicide seed treatment

