

## Corn Seed Treatment

Enhanced disease protection with multiple modes of action



## Lumialza

## NEMATICIDE SEED TREATMENT

- Expanding bio-barrier shields roots from harmful nematodes
- 80+ days of root protection
- Activity against all 7 key species
- Yield improvement of 3.7 bu/a under low pressure and 9.0 bu/a under high pressure



bu/A

\*pending EPA label addition approval.

available with all brands compared.

2020-2021 Corteva research trials in 50 locations

in 184 low pressure and 54 moderate to high pressure locations.

+9.0 bu/A

Bio-barrier

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

recipe in seed applied technology replicated and strip trial data. Yields averaged 3.7 bu/a advantage under low pressure and ranged from 3 to 9 bu/a under higher pressure,

LumiGEN® premium insecticide seed treatment package on Pioneer® brand corn is the broadest spectrum protection in the industry.

| Insecticide Seed Treatments Characterization |   |  |  |                                       |
|--|---|--|--|---------------------------------------|
| Pest   | Premium Package Lumialza™ bio-nematicide Lumivia™ 250 Lumisure™ 250 | Enhanced<br>CRW Package<br>Lumialza™<br>bio-nematicide<br>Lumisure™ 1250 | Bayer Option<br>Poncho®<br>Votivo® 500 | Regional Seed Co. Option Cruiser® 250 |
| Corn Nematodes                               | +++   | +++  | ++                                     | _                                     |
| Wireworm                                     | +++   | ++++   | +++                                    | ++                                    |
| Cutworm                                      | ++++  | ++   | +1                                     | +1                                    |
| Fall Armyworm                                | ++++  | _  | _                                      | _                                     |
| Seed Corn Maggot                             | +++   | +++  | +++                                    | ++                                    |
| White Grub                                   | +++   | ++++   | +++                                    | ++                                    |
| Grape Colaspis                               | +++   | +++  | ++                                     | ++                                    |
| Billbug                                      | ++  | +++  | _                                      |                                       |
| Flea Beetle                                  | ++  | +++  | ++                                     | ++                                    |
| Corn Rootworm                                | _   | ++   | _                                      | _                                     |







<sup>-</sup> No control

<sup>+</sup> Feeding reduction ++ Average protection +++ Above average protection ++++ Excellent protection

<sup>&</sup>lt;sup>1</sup> labeled for control

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