

Lumivia™

INSECTICIDE SEED TREATMENT

Lumivia™ insecticide seed treatment delivers excellent broad-spectrum protection on key early season corn insect pests.

Lumivia Advantages

- Outstanding protection against key **early season corn insect pests** including wireworms, white grubs, cutworms, armyworms and seedcorn maggot* (European chafer)
- Provides seedling protection to develop **uniform and healthy stands** that maximize yield potential
- Offers a favourable environmental profile

EXCELLENT, LONG LASTING CORN SEEDLING PROTECTION

- Lumivia contains a unique mode of action that rapidly protects corn seeds and seedlings up to the 4-5 leaf stage against early-season, below-ground insect pests, like wireworms and seedcorn maggots. It also protects the crop against insect pests that feed on foliage, such as cutworms
- Lumivia contains a Group 28 anthranilic diamide insecticide that remains concentrated in key areas of the corn plant after planting and protects through germination to the V5 growth stage



Wireworms



Black Cutworms



White Grub



Seedcorn Maggot

FAVOURABLE ENVIRONMENTAL PROFILE AND RESISTANCE MANAGEMENT

- Lumivia contains a unique Group 28 insecticide, a non-neonic seed treatment option
- Lumivia's favourable environmental profile results in minimal impact on the environment and on beneficial insects and pollinators, when used in accordance with the label¹



Commercial Standard



Lumivia

Source: Field trial, Stayner ON 2016

* suppression

¹In line with Integrated Pest Management and Good Agricultural Practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure

LUMIVIA DELIVERS UNIFORM, HEALTHY STANDS & IMPROVED EARLY SEASON VIGOUR

- Lumivia provides immediate protection of seed and seedlings, resulting in uniform and healthy stand establishment
- Additionally, Lumivia protects yield potential through improved early season vigour
- Multi-year trials have shown that Lumivia consistently provides a yield advantage compared to a fungicide only seed treatment

Uniform, healthy stands & improved yield potential over fungicide only treated seed



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Fungicide Only

Source: Field trial, Shetland ON 2016

Lumivia™ Under High Wireworm Pressure



Fungicide only

Lumivia™

- In 2015 and 2016, Lumivia was tested in field-scale trials across Eastern Canada
- This picture is from a manure applied corn-on-corn field, exhibiting extremely high wireworm pressure
- Lumivia treatment showed corn plants with superior size and vigour as compared to the fungicide only treatment

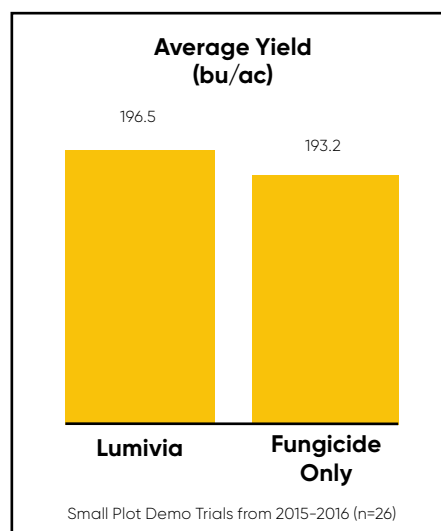
Source: Field trial, Stayner, ON 2016

LUMIVIA INCREASES YIELD

Lumivia
Yield Advantage

+3.2
BU/AC

In demo trials compared
to FST only treatment



Lumivia



Fungicide only

Source: Field trial, Mount Forest ON, 2016