



# IMPERIUM

## MICROBIOLOGICAL NEMATICIDE

Wettable powder

### DESCRIPTION:

*Paecilomyces lilacinus* and *Pochonia chlamydosporia* parasitize the stages of active phytopathogenic of the nematodes, mainly eggs; they also produce toxins that act on the nervous system, causing movement loss and deformation of stylets. The *Bacillus amyloliquefaciens* causes deformation and the arrest of the embryonic process of the eggs and deformations in the digestive system of the larvae.

**Imperium's** organic acids induce the liberation of root exudates, improving the colonization, establishment, and biochemical activity of microorganisms.

### BENEFITS:

- ✓ Decreases populations of phytopathogenic nematodes like *Meloidogyne* sp, *Pratylenchus* sp, *Helicotylenchus* sp, *Radopholus* sp, *Nacobbus* sp, among others.
- ✓ Increases the crop's resistance to attack by phytopathogenic nematodes.
- ✓ Does not generate resistance in phytopathogenic nematodes.
- ✓ Easy to use and apply.

### GUARANTEED COMPOSITION

<i>Paecilomyces lilacinus</i>	1x10 <sup>7</sup> UFC/g
<i>Bacillus amyloliquefaciens</i>	2x10 <sup>8</sup> UFC/g
<i>Pochonia chlamydosporia</i>	1x10 <sup>6</sup> UFC/g
Organic Acids	35.0%

### INCOMPATIBILITY:

Do not apply **Imperium** before, or after 72 h the scheduled application of fungicides, bactericides or fertilizing solutions whose electrical conductivity is greater than 5 Ds/M (check compatibility table).

### CROPS

### RECOMENDATIONS

Agave, Artichoke, Asparagus, Blackberry, Blueberry, Broccoli, Cabbage, Carrot, Cauliflower, Chili, Cotton, Cucumber, Eggplant, Garlic, Grains, Green Bean, Lettuce, Melon, Onion, Ornamentals, Papaya Tree, Pepper, Potato, Pumpkin, Radish, Raspberry, Strawberry, Tomato, Vineyard, Watermelon

Apply 1 kg/ha, from sowing or transplanting until the end of the production stage with intervals of 30 days.

Apple, Avocado, Banana, Citrus, Coffee, Fig, Guava Tree, Mango, Peach, Pear Tree, Pineapple

Apply 1 kg/ha, from sowing, transplanting or the beginning of the cycle until the production stage with intervals of 30 to 60 days.

**INSTRUCTIONS OF USE:** Open carefully the **Imperium** bag, weigh the indicated amount and dissolve in water, proportional to 1 kg in 50 L.

Apply **Imperium** via direct pressurized irrigation, drench or with a knapsack sprayer; covering the plant's root zone.

When using the same tank where fertilizers are applied, add **Imperium** as close as possible to the second third of the total irrigation time.

"The information contained in this Technical Data Sheet is provided with good intention, but does not constitute a guarantee or commitment of responsibility"

