

SYSTEMIC

# FOSPHITE™

Fungicide

EPA REG. NO. 68573-2



**Fosphite™** is a systemic fungicide for controlling Downy mildew, Phytophthora and Pythium on ornamental and turf crops.

**Fosphite™** provides great control of root rot disease as well as damping-off and Downy mildew.

**Fosphite™** protects crops all season long, through harvest and the off season.

**Fosphite™** is an excellent tool to use in your IPM program. It is less harmful to beneficial fauna than most other fungicides. Besides being a safe product, it also acts systemically for several weeks .

**Fosphite™** has a 4-hour Re-Entry Interval and a 0-day Pre-Harvest Interval.

**Fosphite™** is registered as a "Reduced Risk" pesticide by the US EPA.

**Fosphite™** kills fungal disease on contact. **Fosphite™** can boost a plant's natural immune response against pathogens such as powdery mildews, common rusts, and leaf blights. **Fosphite™** ions help to promote a proactive immune system in your plants. **Fosphite™** can increase

crop yields by reducing the incidence of plant disease.

## FOSPHITE™'S MODE OF ACTION

**Fosphite™**'s active ingredients cause changes in the metabolism and cell wall components of pathogens. **Fosphite™** may cause modifications of the fungal cell surface in such a way the plant is better able to recognize the pathogen and respond by normal defense mechanisms. **Fosphite™** slows the growth of the pathogen, and inhibits its sporulation. This is accomplished by direct fungistatic action. The reduction in pathogen growth rate allows the host's defense system extra time to develop and kill the invading organism.

## APPLICATION GUIDELINES:

### General Application Instructions

**Fosphite™** may be applied by various application methods, including foliar sprays, soil drench, soil incorporation, and bare root dip. For foliar sprays, apply **Fosphite™** with sufficient water for adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet.

**Fosphite™** is a systemic fungicide. It controls many damaging fungal diseases. Good coverage as directed will improve the product efficacy.



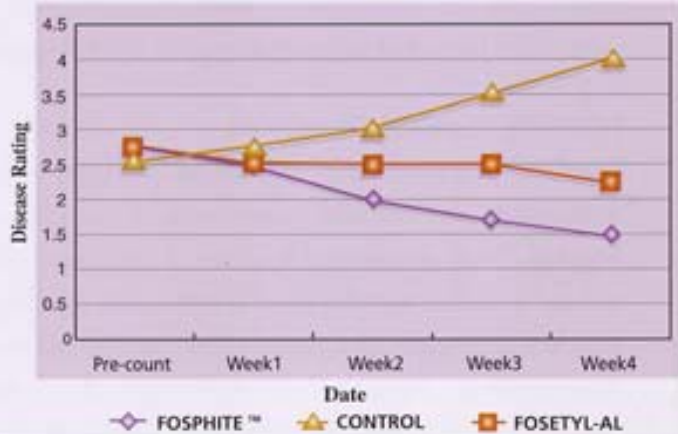
**PLANT SAFETY:**

**Fosphite™** shows no phytotoxicity on plants when used as instructed on the label. Always conduct a phytotoxicity check before applying to large areas.

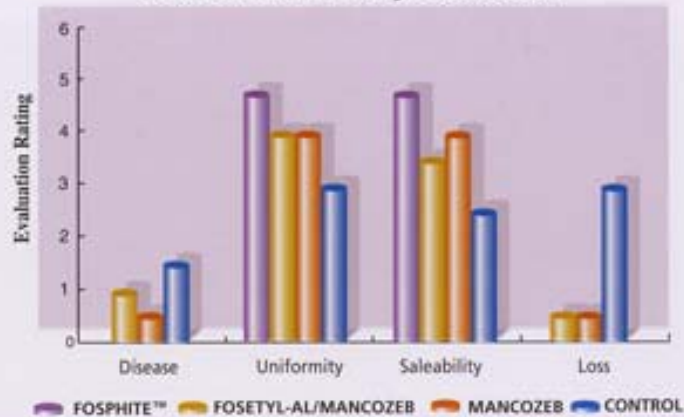
**COMPATIBILITY:**

**Fosphite™** is compatible with most products used in agriculture, however in particular, mixtures of Fosphite with copper products may not be compatible or may cause phytotoxicity to certain plants.

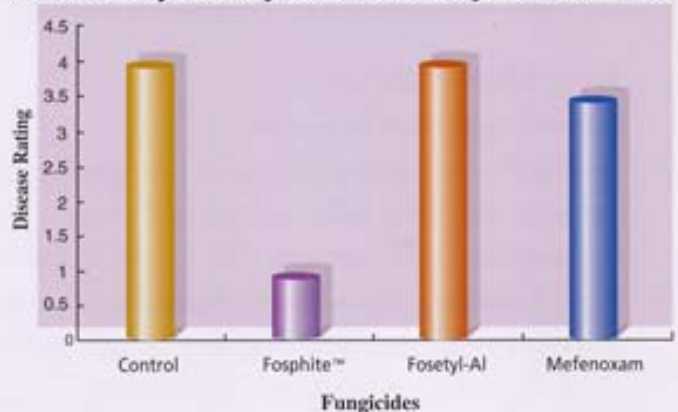
*Fosphite™ Control of Downy Mildew on Bentgrass, California*



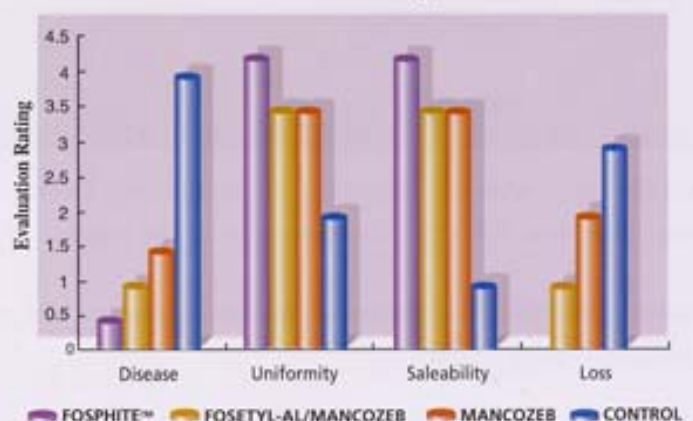
*Fosphite™ Control of Root Rot Disease on Alyssum, Commercial Nursery, California*



*Effect of Fungicides on Phytophthora Blight of Poinsettia, Performed by Cal Poly State University, S.L.O., California*



*Fosphite™ Control of Root Rot Disease on Snapdragon, A Commercial Nursery, California*



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