



COMPANION[®] BIOLOGICAL FUNGICIDE

LIQUID & DRY CONCENTRATE

An Effective, Safe Alternative



Nine Days After Companion Application



Fourteen Days After Companion Application

Quicker To Market

Faster production is an added 'bonus' when using a natural biological fungicide like Companion. Unlike chemicals, Companion can increase root mass and improve the overall plant health and vigor. For cuttings, apply Companion once callus has formed to protect against a broad spectrum of diseases and encourage rooting.

Versatile - From Seed to Plug and Out-the-Door!

Companion is not phytotoxic and can be used through all stages of crop production, unlike chemical fungicides that can often burn crops in hot weather. As an added benefit tell your customers that their plants have been treated with a biological fungicide so they need not worry about over application of chemicals.



Before Applying Companion



After Applying Companion

Disease Protection

New Guinea Impatiens have serious root rot diseases such as Phytophthora, Rhizoctonia, Pythium, and Myrothecium. Once diseases invade, a 5-8 week investment in labor and production costs are in jeopardy. Companion is an effective stand-alone preventive measure you can use in protecting your investment against fungal diseases.



With Dry Companion

Plain Potting Soil

Your first line of defense against destructive plant pathogens.

Companion is a natural, safe alternative to standard chemical fungicides for the prevention and control of a broad spectrum of soil-borne pathogens such as Phytophthora, Pythium, Fusarium, Rhizoctonia and Sclerotinia. Companion has two unique modes of action 1) it produces a broad spectrum antibiotic that kills pathogens 2) it triggers the plant to boost its immune system.

Choose Companion liquid for drenching, fertigation, or drip tape, use Companion Dry for a pre-mix in all types of soil media.



EPA No.71065-2





Disease Control With Companion



Sclerotinia Destruction Without Companion

Disease Resistance Management:

Unlike chemical fungicides where resistance problems develop, Companion's dynamic and continuous bio-control activity quickly colonizes the root hairs forming a protective barrier against pathogen attack. It produces a broad spectrum antibiotic that disrupts pathogen cell wall formation.

Speed up Growth and Improve Crop Quality:

Companion contains naturally occurring (PGPR) Plant Growth Promoting Rhizosphere bacteria. *Bacillus subtilis* GB03 is known to produce unique metabolites that have an auxin-like effect on plant growth. Plants are healthier with improved root branching and mass. As an added benefit, plants will produce earlier and more abundant flowers. Fruit and Vegetable crops show improved quality and increased yield.



Control

Using Companion Drench

Induced Systemic Resistance (ISR):

Extensive university research has proven that Companion's *Bacillus subtilis* GB03 will activate the plant's defense immune system. This systemic disease protection significantly reduces disease severity. *Bacillus subtilis* GB03 is a specialized rhizobacterium (root zone bacteria) that triggers the plant's natural ability to protect itself against various disease such as *Erwinia cartovora* and *cucumovirus* (CMV) on tomato.

As a grower, you need a product that is consistent in preventing disease, is safe for your workers and can reduce chemical costs.

- Fights a broad range of diseases
- A powerful tool for disease Resistance Management
- Low 4 REI (0-4 hours) is safer for workers
- Residual activity
- Versatile works on any plant
- Safe for all crops - no phytotoxicity
- Safe for workers
- Produces a more vigorous root system
- Increases crop yield
- Injects through fertigation and drip tape systems
- Can be tank mixed with fungicides, pesticides, and fertilizers
- Non-toxic to beneficial insects

A Grower can reduce or eliminate the use of harsh chemical fungicides.

EPA Reg. No.71065-1

