

# Green-Shield<sup>®</sup> Disinfectant & Algicide

 **BASF**  
The Chemical Company

Prescription Treatment<sup>®</sup> brand **Green-Shield<sup>®</sup>** Disinfectant & Algicide — a biodegradable liquid concentrate for horticultural use that controls fungal, bacterial and viral plant pathogens and algae. It's the first step to a successful disease management program.

## Green-Shield Provides:

- An efficient first step in the control of fungal and bacterial diseases
- Control of algae on walkways, greenhouse coverings and evaporative cooling pads
- Broad-spectrum control of diseases and algae on floors, benches and walls
- Control of dormant fungal and bacterial structures that fungicides do not kill

## Application Tips

- Surface disinfection and algae control: One tablespoon per gallon
- Algae control in evaporative cooling pools: One teaspoon per 15 gallons of water every other week
- Eye, skin and throat irritant in its concentrated form only; goggles and rubber gloves are required when handling the concentrate
- USDA-approved disinfectant for *Ralstonia solanacearum* race 3 biovar 2



**Use Sites:** Greenhouses, nurseries, landscapes and interiorscapes on work areas, benches, tools, containers, walkways, floors and evaporative cooling pads

**Packaging:** 4 x 1 gallon; 30 gallon drums

**Active Ingredient:** Quaternary Amines

**Class:** Quaternary Ammonium

**Signal Word:** DANGER

**REI:** None

**PPE:** Coveralls worn over long-sleeved shirt and long pants; waterproof gloves; chemical-resistant footwear and socks; protective eyewear (goggles or face shield); chemical-resistant headgear when using this product for algae control in overhead watering systems; chemical-resistant apron when mixing, loading or cleaning equipment

Prescription Treatment<sup>®</sup> brand  
**Green-Shield<sup>®</sup>**

Disinfectant & Algicide

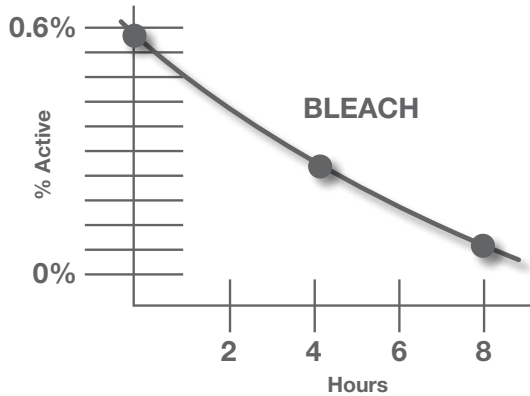
## Operational Benefits

**Green-Shield** can be used as part of an IPM pre-crop clean-up program or may be used during the cropping cycle to provide routine control of diseases and algae on benches and walkways. Unlike bleach, **Green-Shield** is EPA registered for the control of pathogens and algae in and around greenhouses. **Green-Shield** lasts four times longer in solution than bleach, without the odor, irritation and volatility of bleach.

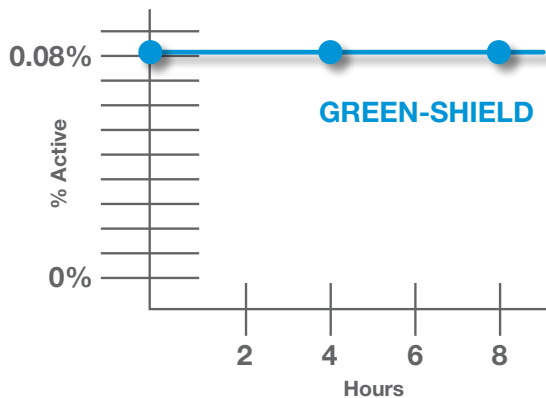
### Why Green-Shield vs. Bleach?

- Kills some pathogens that bleach does not
- Lasts longer than bleach in solution
- Registered for use with the EPA
- Less irritating to use
- One gallon of **Green-Shield** is equivalent to 28 gallons of bleach and is biodegradable
- Causes no damage to clothing from splashes
- Provides residual control as long as the surface stays wet

At the recommended rate of 0.6%, the activity of the bleach solution decreases by 50% every 4 hours.



At the recommended rate of .08%, the activity of **Green-Shield** continues at full labeled strength for over 8 hours.



Prescription Treatment<sup>®</sup> brand  
**Green-Shield<sup>®</sup>**  
Disinfectant & Algicide