

**S A SOUTHERN  
50 AG**



# GARDEN FRIENDLY FUNGICIDE

FOR ORGANIC USE IN HOME GARDENS AND LAWNS

Active Ingredient:  
Bacillus amyloliquifaciens  
strain D747\* 98.85  
Other Ingredients 1.15  
Total 100.00  
\*Contains a minimum of  $1 \times 10^{10}$  colony-  
forming units (cfu) per milliliter

**KEEP OUT OF  
REACH OF CHILDREN  
CAUTION**

See inside of booklet for continued Precautionary Statements  
and Directions for use.

**Net Contents: 8 fluid ounces (.237 liters)**

**Biofungicide/  
Bactericide**  
For control of plant  
diseases in home  
gardens: vegetables,  
ornamental and fruit  
trees, shrubs, lawns,  
flowers, bedding  
plants, and potted  
ornamental plants.

Distributed by: Southern  
Agricultural Insecticides, Inc.  
Palmatto, FL 34220 Hendersonville, NC 28793  
Boone, NC 28607 F1  
EPA Reg. No. 7005-1-107-829 EPA Est. No. 829-FL-1



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## HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### FIRST AID

**IF ON SKIN:** Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor:  
Hot Line No.: 1-941-722-3285 for additional information

### ENVIRONMENTAL HAZARDS:

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

### GENERAL INFORMATION

Garden Friendly Fungicide is a broad-spectrum preventative biofungicide/bactericide for control or suppression of fungal and bacterial plant diseases. The active ingredient of Garden Friendly Fungicide is a naturally occurring strain (D747) of the beneficial bacterium Bacillus amyloliquifaciens. Garden Friendly Fungicide also colonizes plant root hairs, preventing establishment of disease-causing fungi and bacteria.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### Mixing instructions:

Garden Friendly Fungicide must be mixed with water and applied as a spray to fruit and foliage, or as a drench to plant roots. See below for specific mix rate information.

### Application rates and methods:

**Spray application for control of powdery mildews, leafspots, anthracnose, gray mold, and other diseases affecting leaves, flowers, fruit, and other above-ground plant parts of home garden plants:** Mix 1 teaspoon of Garden Friendly Fungicide per gallon of water and apply directly to plants using a hand pump sprayer or other suitable spray equipment. Spray just enough to wet all leaves and fruit with minimal run-off or dripping. Total coverage depends on the size of plants to be sprayed and the type of sprayer used. Repeat as needed to maintain disease control, typically every 7-10 days. If disease is prevalent or environmental conditions such as high humidity favor disease outbreak, increase the mixing rate to 1 tablespoon per gallon and shorten the interval between sprays to every 3-7 days.

**Drench application for control of diseases affecting plant roots, tubers, or other parts of plants in contact with soil in the home garden:** Mix 1 teaspoon of Garden Friendly Fungicide per gallon of water and apply to the soil by one of the following methods:

1. For potted plants (indoors or outdoors), apply in sufficient water to wet the entire root mass using a watering can or tank-fed watering wand. Do not water plants again until 24 hours after application. Alternatively, use a hand-pump or other sprayer to spray the mixture on the soil surface in each pot, then immediately apply sufficient water to move the product into the roots.
2. Drench the roots of transplants with approximately 4 fluid ounces of the mixture immediately before transplanting into pots or garden soil. Allow to soak into the root ball before transplanting.
3. For outdoor-grown plants, use a watering can or sprayer to drench the soil in the planting furrow or transplant hole immediately before planting or transplanting. The amount of water required will depend on the size of the hole or length of furrow.
4. Alternatively, apply in the first watering after planting or transplanting, either by mixing directly into the water at the rate indicated above, or by spraying onto the soil surface at the base of each plant and immediately watering in with a watering can, hose, sprinkler, or other watering device.

Garden Friendly Fungicide can be applied up to and including the day of harvest.

**For application to lawns and other grass areas:** Mix 1 teaspoon of Garden Friendly Fungicide per gallon of water and apply as a fine spray to the surface of the lawn or grass area. Total amount of mix required will depend on the type of sprayer used and area to be covered, but typically 2 to 5 gallons of spray mix may be required per 1,000 square feet of lawn. Garden Friendly Fungicide can be "watered in" for control of soil borne root and crown diseases by thorough watering immediately after application either with sprinklers or by spraying just before or during light rain.

### STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Keep in original container. Store away from direct sunlight, feed, or foodstuffs. Keep container tightly sealed when not in use.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill container.

**If empty:** Place in trash or offer for recycling, if available.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### WARRANTY

Southern Agricultural Insecticides, Inc. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purpose referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the disease problem, condition of the crop, incompatibility with other influencing factors in the use of this product are beyond the control of the seller. To the extent consistent with applicable law, buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.

Optional Language:

MAKES UP TO 48 GALLONS FOR GARDENS and LANDSCAPE

FOR LAWNS. COVERS 9,000 TO 24,000 SQ. FT.