

MASTER LABEL

Best Available Image

[This master label bears directions for both commercial and homeowner use with various application rates specific to the associated container size.]

WRC-AP-1

Biological/Microbial Fungicide

This bag will treat up to _____ acres when used at the highest application rate.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Homeowner Use

Keep unprotected persons out of treated areas until dusts have settled.

Commercial Use

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 agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- waterproof gloves
- Shoes plus socks
- Protective eyewear

For the Control of "Damping-Off" and Root Rot Pathogens of Ornamental and Spad Crop Plants Grown in Greenhouses, Nurseries, Homes, and Interiorscapes, and Outdoors on Agricultural and Ornamental Crops.

ACTIVE INGREDIENT:

<i>Gliocladium virens</i> GL-11	72%
INERT INGREDIENTS:	28%
TOTAL	100%

*Contains 1 x 10⁸ CFU/g

KEEP OUT OF REACH OF CHILDREN CAUTION

See side/back panel for Statement of Practical Treatment and Additional Precautionary Statements
Net Contents: _____ Lit No.: _____

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Commercial Use

Pesticide Storage: Store in a cool, dry place away from direct sunlight.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Homeowner Use

Pesticide Storage: Keep in original container. Store in a cool, dry, place away from direct sunlight, food, or foodstuffs. Keep container tightly sealed when not in use.

Container Disposal: Do not reuse bag. Discard bag in trash.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes 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. 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.

GENERAL

Gliocladium virens, the active component in WRC-AP-1, is a naturally occurring soil fungus which is antagonistic to plant pathogenic fungi such as *Pythium* and *Rhizoctonia*, thereby aiding in control of these "damping off" and root rot pathogens. WRC-AP-1 is a granular formulation containing a high concentration of *Gliocladium* spores suitable for incorporation into soil or soilless media under terrestrial and non-terrestrial growing conditions. WRC-AP-1 acts as a preventative and will protect noninfected plants. It may not, however, cure already diseased plants. Where possible, allow the treated soil or media to incubate for 1 day prior to planting to achieve best results. Do not use other soil fungicides with WRC-AP-1 at time of incorporation. Later addition of fungicide is acceptable but usually unnecessary. Best results are achieved if the contents of an open package are used within three months. Be careful to seal out moisture from the unused material by closing the bag tightly.

MANUFACTURED BY:

THERMO TRILOGY CORPORATION
7500 Grace Drive
Columbia, MD 21044

EPA Reg. No. 70051-3
EPA Est. No. 44616-MO-01

ACCEPTED
NOV 25 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 70051-3

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Commercial Use
CAUTION: May cause eye injury. Do not get in eyes or on clothing. Wear goggles and/or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Homeowner Use
CAUTION: May cause eye injury. Do not get in eyes or on clothing. Wear safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids apart and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

Personal Protective Equipment:
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants.
• Shoes plus socks.
• Protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 - Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Commercial Use
Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Homeowner Use
Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

FOR INCORPORATION INTO GROWING MEDIA (Ornamentals and Food Crop Plants - Green Houses and Structures Covered Outdoors)

WRC-AP-1 should be thoroughly incorporated into soil or soilless growing media at the rate of 1 to 1.5 lb per cubic yard. It is recommended to add WRC-AP-1 when soilless media is being blended by mechanical devices, mixed into the media during pot filling, or raked into soil beds by hand or tiller. If adding to a soil bed incorporate at a rate of 1 to 1.5 lb per cubic yard of bed. It is important that WRC-AP-1 be uniformly incorporated into the growing media to provide the best performance possible. After incorporation and one day incubation, plant seeds, tissue culture transplants, bulbs, rooted cuttings, or potted plants into the treated media.

Homeowner Use

Directions for 0.07 oz package WRC-AP-1 should be thoroughly blended with growing media. One 0.07 oz packet (2 grams) will treat one 3-inch pot. To apply WRC-AP-1, fill a clean 2-inch pot 3/4 full with potting soil. Spread the contents of the WRC-AP-1 packet onto the soil and mix thoroughly with a small spade. It is important that WRC-AP-1 be uniformly mixed into the media to provide the best performance possible. Seeds, bulbs, transplants, or plants for repotting can then be placed into the pot. Moisture the media with water and keep moist (but not wet) for the next three days. The protective fungus will spread throughout the root system of the plant protecting it from disease organisms.

Directions for 0.34 oz package WRC-AP-1 should be thoroughly blended with growing media. One 0.34 oz packet (10 grams) will treat 1/2 cubic foot bag of media, enough to fill 9 six-inch pots. To apply WRC-AP-1, empty a 20 lb bag of potting soil into a clean 5-gallon bucket. Spread contents of one packet of WRC-AP-1 onto the soil in the bucket and mix thoroughly with a spade or shovel. Alternatively, a corner can be cut from the potting soil bag and WRC-AP-1 can be incorporated by shaking, stirring or kneading the bag. It is important that WRC-AP-1 be uniformly mixed into the media to provide the best performance possible. Soil can then be placed into pots followed by seeds, bulbs, transplants, or plants for repotting. Moisture the media with water and keep moist (not wet) for the next three days. The protective fungus will spread throughout the root system of the plant protecting it from disease organisms.

Commercial Use

RECOMMENDED APPLICATIONS FOR AGRICULTURAL DISEASE CONTROL

Terrestrial Use
WRC-AP-1 can be used to control soil-borne pathogens including *Rhizoctonia*, *Pythium*, and *Sclerotinia* that attack field-grown crops. Diseases can be prevented by applying WRC-AP-1 in the field when crops are seeded or transplants are moved into the field. Disease prevention will exist for up to two months after application, depending on the disease pressure present.

Application Rates:
For best results, apply WRC-AP-1 at the rate of 2-10 lb per acre in furrow at the time of seeding or transplanting. Application rates vary by crop as indicated in the table.

Application Instructions:
WRC-AP-1 should be applied evenly in furrow with the seeds or transplants to assure adequate coverage. WRC-AP-1 will become active when it comes in contact with moisture.

Alternative Application Instructions:
WRC-AP-1 may be applied as a drench if applied directly to the soil or root area of the plant. Premix the amount of WRC-AP-1 (from the table) with water at a rate of 0.5 to 2 lbs per gallon of water. Agitate for 30 minutes prior to application. Dilute the premixed material in a minimum of 30 gallons of water per acre. Continue agitation of the final mixture during application, spraying through the largest nozzles possible. Direct sprays to the furrow. Do not apply this product through any type of irrigation system.

CROP APPLICATION RATES	
CROP	LB/ACRE APPLIED IN FURROW
Cotton	6-10
Cabbage	6-10
Corn	3-5
Tomatoes	3-10
Peppers	3-6
Cucumbers	3-6
Carrots	3-10
All Other Vegetables	2-10

Commercial Use