

(Front Panel)



ACTINOVATE[®] SOLUBLE

- * Biological Fungus Control.
- * Controls soil-borne plant diseases.
- * 100% Soluble. Will not clog machinery.
- * Enhances plant vitality.
- * Encourages larger root systems.
- * For Greenhouse, Nursery, Agricultural and Turf Grass Use.

ACTIVE INGREDIENT:

Streptomyces lydicus WYEC 108*0.0371%

OTHER INGREDIENTS: 99.9629%

*End-use product contains not less than 1×10^7 colony forming units per gram *Streptomyces lydicus* WYEC 108.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautionary statements.

EPA Reg. No.: (pending as File Symbol 73314-R)

Net Contents: XX

EPA Establishment No.: XXXXX-XX-XXX

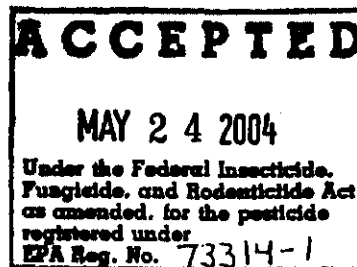
Manufactured by:

Natural Industries, Inc.

6223 Theall Road

Houston, Texas 77066

Questions? (888) 261-4731



(Back Panel)**PRECAUTIONARY STATEMENTS**

Hazard to humans and domestic animals: Caution. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, and shoes plus socks. Mixer/loaders and applicators must wear a dust/mist-filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning / maintaining PPE. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately after handling this product. If gloves are worn, wash the outside of gloves before removing. Users should remove clothing immediately if pesticide gets inside. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater.

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 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 allow worker entry into treated areas during the restricted entry interval (REI) of four (4) hours. PPE requirement for early entry to 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 and shoes plus socks. **Exception:** If the product is 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.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

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

General Information:

Actinovate® Soluble is biological fungicide for the control of soil borne plant root rot and damping-off fungi. Fungi controlled include *Fusarium*, *Rhizoctonia*, *Pythium*, *Phytophthora*, *Phytophthora*, *Aphanomyces*, *Monosporascus*, *Armillaria*, *Sclerotinia*, *Postia*, *Verticillium*, *Geotrichum*, and other root-decay fungi. The active ingredient in Actinovate® Soluble colonizes the root system, thus out competing other harmful fungi, and enhances plant vitality. Ornamental plants and lawns treated with Actinovate® Soluble will become hardier and more robust with a protected root system.

Application Directions:

Greenhouses and Nurseries Potting Soil Mix:

Mix 6 oz. in 100 gallons. Apply one gallon of solution to 1 cubic foot of mix. (Check your Potting Mix Guide for 'number of containers per cubic foot' to determine ounces for your specific size container.)

For example:

Filling 6" pots, you get 18 pots per cubic foot of mix, therefore, 1 gallon (128 oz.) divided by 18 pots = 7 – 8 oz. per pot. One container of Actinovate® Soluble will treat approximately 5,000 6" pots.

Turf Grass:

Mix Actinovate® Soluble with water (100-125 gallons or more per acre). Apply at a rate of 52-oz of Actinovate® Soluble per acre for initial application or problem areas. Apply maintenance applications of 18 oz. per acre every 6 to 8 weeks.

Greenhouse Foliar Application:

For preventative control of Botrytis, powdery mildew, and other fungal pathogens on greenhouse crops, apply 6-12 oz Actinovate® Soluble per acre. Dissolve Actinovate® Soluble in water and apply to foliage and blossoms every 7 to 14 days depending on disease pressure. Crop size, spray equipment and local practice will determine the volume of water needed. Spray to wet, but avoid run-off. Apply Actinovate® Soluble using hand-held backpack or ground spray equipment. Clean application equipment before use of this product, and use prepared sprays within 4 hours of mixing. Use a spreader in conjunction with application. Consult manufacturer or sales representative for specific product recommendations.

Cuttings or Bare Root Transplant Dip:

Dip cuttings or transplants in Actinovate® Soluble dry powder or in a solution of 18-oz Actinovate® Soluble and 5 gallons water. Plant treated cuttings or transplants in potting mix or soil in the usual manner.

Ornamental Bulb Crops:

Soak bulbs in solution of Actinovate® Soluble at 18-oz per 100 lbs. of bulbs. Thoroughly cover all surfaces of bulbs with solution for 1 hour prior to planting.

Do not apply through any type of irrigation system.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry, cool place out of direct sunlight and away from heat sources. Keep from overheating or freezing. Optimum storage temperature is 40°F to 85°F.

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 package into application equipment. Then dispose of empty package in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Limited Warranty / Disclaimer

Manufacturer warrants that this product is suited for the labeled use when applied according to label directions. Manufacturer makes no warranty of merchantability. There are no warranties that extend beyond the description on this label and in no event shall manufacturer be liable for any consequential damages.