

# TRIACT<sup>®</sup> 70

FUNGICIDE / INSECTICIDE / MITICIDE

SPECIMEN LABEL

**For Indoor/Outdoor Use on Ornamental Flowering Plants, Trees, Shrubs, Foliage Grown in Nurseries, Greenhouses and Landscapes. Controls Fungal Diseases including Black Spot, Mildews, Rusts and Scab. Kills Mites and Insects including Whiteflies, Aphids, and Scales. For Foliar Control of Fungal Diseases and Insect Pests.**

**For Organic Production.**

**ACTIVE INGREDIENT:**

Clarified Hydrophobic Extract of Neem Oil . . . . . 70.0%

**OTHER INGREDIENTS:** . . . . . 30.0%

**TOTAL:** . . . . . 100.0%



This product contains 5.46 lb. of clarified hydrophobic extract of neem oil per US gallon.

This container will treat up to 0.5 acres when used at the highest application rate (only for containers less than 5 gallons).

**EPA Reg. No. 70051-2-59807**

**EPA Est. 70051-CA-001**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

Follow the 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.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**User Safety Recommendations:**

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**FIRST AID**

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

**IF IN EYES:** Hold eye 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 further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Hot Line Number: 1-800-356-4647

**ENVIRONMENTAL HAZARDS**

This product is hazardous to fish and aquatic invertebrates.

**For Terrestrial Uses:** 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 disposing of equipment or disposal of equipment, washwaters or rinsate.

**BEE HAZARD**

This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**Personal Protective Equipment:**

Some materials that are chemical-resistant to this product are listed below. If you want more options follow the instructions for category C on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl-chloride (PVC) or Viton.
- Shoes plus socks.

**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 through any type of irrigation system.

**Net Contents: 2.5 Gallons (9.46 liters)**



## General Information:

- Kills eggs, larvae and adult insects.
- Prevents and controls black spot on roses, anthracnose, rust and powdery mildew.
- Shake well before using.
- For best results, maintain constant agitation in spray equipment.
- For optimal performance, do not mix with cold water (less than 45° F).
- Use spray solutions within several hours of preparation for maximum effectiveness. Do not store diluted solution for later use.
- Do not apply to wilted or otherwise stressed plants, or to newly transplanted materials prior to root establishment.
- Do not apply to known sensitive plant species, such as impatiens flowers, fuchsia flowers, hibiscus flowers, some rose flowers, ornamental olive trees or some carnation varieties, without prior testing.
- When used in conjunction with beneficial insects, it is recommended that a small trial be conducted to assure compatibility before using on a large scale.
- As with other oil-based products, care should be exercised in timing applications to early morning / late evening to minimize the potential for leaf burn.
- Use with care on plants with tender tissue. Check for leaf burn in small-scale trials prior to use.
- Thorough coverage is necessary to provide good disease and mite control. **TRIACT 70** prevents fungal attack of plant tissue and contact activity to mite pressure on the plant. Avoid excessive runoff of spray material for maximum control.

## Agricultural 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.

PPE required 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.
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl-chloride (PVC) or Viton.
- Shoes plus socks.

## TANK MIXING:

**TRIACT 70** has been found to be compatible with most commonly used fungicides, insecticides and fertilizers. Check physical compatibility first with other products before mixing by using a jar test. Using a quart jar, add the proportionate amounts of the products to 1 quart of water. After thoroughly mixing, let mixture stand for at least 5 minutes. Growers must tank-mix combinations for phytotoxicity on a sample of plants prior to use. **Due to the wide variation in climatic conditions, cultural practices, and other factors, the User assumes full responsibility for any crop damage or other liability resulting from the use of TRIACT 70 in a tank mix combination.** Avoid tank mixes with Morestan, Captan, Sulfur, Bravo/Echo, chlorothalonil or other chemically similar products as unpredictable results or leaf burn may occur.

## GREENHOUSE, LANDSCAPE, AND NURSERY USE INSTRUCTIONS:

### FUNGICIDE USE

#### Ornamental Disease Control:

**TRIACT 70** is an effective fungicide for the prevention and control of various fungal diseases including black spot on roses, powdery mildew, downy mildew, anthracnose, rust, leaf spot, botrytis, needle rust, scab, flower, twig and tip blight, and alternaria.

#### Landscape, Greenhouse, and Nursery Ornamentals:

**TRIACT 70** will provide broad spectrum control of many fungal diseases affecting ornamental flowering plants, trees, shrubs and foliage when used at the rate of 1 gallon per 100-200 gallons of water, depending on the level of disease pressure. The lower rate (1:200) can be used when spraying as a preventative in a greenhouse while the higher rate (1:100) is needed for outdoor applications. Determine the best rate for your particular situation.

#### Greenhouse:

When **TRIACT 70** is used as a preventative, the lower rate (1:200) will provide adequate control for most greenhouse situations. If disease pressure is evident, the higher rate (1:100). Make applications for disease prevention on a 7 - 14 day schedule depending on the anticipated severity of the disease pressure. To control existing disease, apply **TRIACT 70** on a 7-day schedule until the disease pressure is eliminated. Use a 14-day schedule to prevent disease pressure from returning. **NOTE:** Spray greenhouse roses only in a rotation program, which includes **TRIACT 70** once every 4 weeks.

#### Landscape Ornamentals:

In outdoor landscape applications, apply **TRIACT 70** at rates of 1:50 - 1:100 rate (See tables for detailed use rates). This will provide the necessary control under the extreme outdoor conditions. When using **TRIACT 70** as a preventative, make application on a 14-day schedule. If disease is present, use a 7-day application schedule to control the disease and prevent further damage from occurring.

## MIXING INSTRUCTIONS:

Add **TRIACT 70** to one-half (1 / 2) full tank under agitation containing water of 45°F or greater before filling to desired level. If water temperature is below 45°F, pre-mix **TRIACT 70** at a 1:1 ratio with tepid water to ensure good emulsification. Then dilute to final volume. When combining with other products, such as wettable powder insecticides or fungicides, add these items first when the tank is approximately 1/3 full. Ensure that there is good agitation while mixing for complete emulsification. Maintain agitation during spray application. Do not use if this oil does not emulsify.

## APPLICATION INSTRUCTIONS:

Apply until plant surface is uniformly wet and with minimal runoff at 25 - 40 psi with hand sprayer or 100 - 200 psi with power sprayer as a fine spray to both leaf surfaces. Avoid excessive application.

Management of Landscape and Ornamental Diseases			
Spray Target	Concentration	Spray Interval	Precautions
Potted Plants (Greenhouse)	1:100 - 1:200 (1.0% - 0.5%)	14 days	Trial first on open blooms
Flowering Bench Crops (Greenhouse)	1:100 - 1:200 (1.0% - 0.5%)	7 - 14 days	Trial first on open blooms - not suggested for cut roses
Outdoor Flowering Plants	1:50 - 1:100 (2.0% - 1.0%)	7 - 14 days	Do not spray impatiens flowers
Outdoor Woody Plants	1:50 - 1:100 (2.0% - 1.0%)	14 days	--

Management of Turf Diseases			
Spray Target	Concentration	Spray Interval	Precautions
Snow Mold	1:100 - 1:50 (1.0% - 2.0%)	14 days	In fall before first snow
Dollar Spot	1:100 - 1:200 (1.0% - 0.5%)	14 days	At first sign of disease
Brown Patch	1:100 - 1:200 (1.0% - 0.5%)	14 days	At first sign of disease

## INSECTICIDE/MITICIDE USE:

For use to control whiteflies, mealybugs, aphids, leafhoppers, mites and scales on ornamentals, trees and shrubs in and around greenhouses, commercial nurseries, and other commercial structures.

Use **TRIACT 70** at the rate of 1 - 2 gallons per 100 gallons of water. The low rate (1.0%) can be used when pest pressure is low. The high rate (2.0%) should be used for high pest infestations or to control more troublesome pests, such as mites and scales. Determine the best rate for your particular situation.

Manufactured for:

OHP, Inc.

P. O. Box 230

Mainland, PA 19451

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ESL120205 REV060806

OHP988500

Make sprays on a 7 - 14 day interval depending on the severity of the pest problem. Use the 7-day schedule until the pest population is reduced. Then use a 14-day interval for control.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep in original container. Store in a dry place, away from direct sunlight, feed or foodstuffs. Keep container tightly sealed when not in use. Do not store below 40°F (4°C).

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## Warranty

OHP, Inc. warrants that the material contained herein 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 insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and 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.

Composition covered by US Patents 5,298,251; 5,356,629; 5,372,817; 5,405,612; and 5,409,708.

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