

69493-1

Master Label

TRIAD PESTICIDE

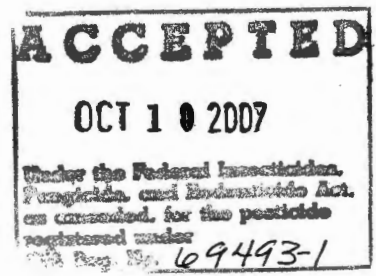
INSECTICIDE AND FUNGICIDE FOR ALMONDS, APPLES, APRICOTS, BROCCOLI, CITRUS, HEAD LETTUCE, WINE GRAPES, NECTARINES, PEACHES, PLUMS AND ROSES.

ACTIVE INGREDIENT

Sodium metasilicate 2.41%

OTHER INGREDIENTS 97.59%

TOTAL 100.00%



**KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO**

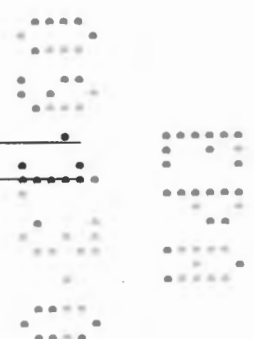
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • 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 poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical attention, call 1-800-222-1222	

EPA REG. No. 69493-1

EPA EST NO.

Environmentally Safe Systems, Inc.
684B Alamo Pintado Road
Solvang, CA 93463



Net Contents: 2.0 Gallons, 5.0 Gallons, 55 Gallons

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals.

WARNING. Causes substantial but temporary eye irritation. Do not get in eyes, on skin or on 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protection Equipment (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Protective eyewear, and
- And Waterproof gloves.

Follow manufacturers' 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:

- 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.

ENVIRONMENTAL HAZARDS

For terrestrial 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 disposing of equipment washwater or rinsate.

[For products over 5 gallons] Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Effluent System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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.

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 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 until target crop is dry.

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:

- Long-sleeved shirt and long pants
- Shoes plus socks,
- Protective eyewear
- And Waterproof gloves.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

For ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is less than 10 mph at the application site as measured by an anemometer. Use fine or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles.

For orchard/vineyard air-blast or over-the-vine application equipment, do not direct spray pattern above trees/vines, and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is less than 10 mph at the application site as measured by an anemometer outside of the orchard/vineyard.

GENERAL INFORMATION

TRIAD is an insecticide and fungicide for use against the insects and diseases listed on this label. It is primarily a contact pesticide with limited residual activity. For best performance, always follow these directions:

- Do not apply when temperatures exceed 75° F.
- May be applied in an Integrated Pest Management (IPM) program.
- Use in sufficient water to achieve good coverage. Vineyard canopies vary in density depending upon trellis system. Adjust gallons per acre (GPA) to provide adequate coverage.
- Repeat applications, as necessary, at intervals of 7-21 days, depending on crop and pest pressure, to maintain control.
- Thorough spray coverage of plant foliage, including the undersides of leaves, is essential for good control of target pest.
- Due to the various differences in canopy management it is important to adjust sprayer speed, nozzle direction and GPA to ensure coverage for control of target pest.
- Consult with your local Cooperative Extension Specialist for advice on application or canopy management.

USE RESTRICTIONS

TRIAD may cause necrosis, lesions, stunting, or distortion. Injury will generally be more severe if applications are made when temperatures are above 75° F or if plants are growing rapidly. To minimize the potential for injury, follow application rates and maximal seasonal application rates specific to each crop per season, as shown in the detailed use directions below.

TEST APPLICATION

Since some varieties of crops may vary in their tolerance to this product, the user should test TRIAD for possible phytotoxic responses by treating a few plants at the label use rate prior to large-scale field use.

MIXING INSTRUCTIONS

For best results:

1. Use clean equipment.
2. Fill tank $\frac{1}{2}$ to $\frac{3}{4}$ full with water and begin agitation.
3. Shake TRIAD well before using.
4. Add pesticide to the tank with the recommended amount of TRIAD.
5. Fill the tank completely with water and mix thoroughly before applying.
6. Pesticide mixture should be applied immediately after mixing.
7. Thoroughly clean equipment after application.
8. If using adjuvants/spreaders, stickers, or extenders, always pretest mixture to avoid unexpected phytotoxicity.

APPLICATION

Apply using calibrated ground equipment, in a manner to obtain uniform and thorough coverage of plant and leaf surfaces as well as target pest and/or disease. For best results, maintain constant agitation in spray equipment.

Crop injury or lack of effectiveness can result if uniform distribution is not achieved in mixing (see Mixing Instructions).

- Do not apply by air.
- Do not apply through any type of irrigation system.
- Do not apply as a concentrate spray.

PESTS CONTROLLED

This product may be used as a foliar spray to control or suppress the following insect pests: Grape and Variegated leafhoppers, Green and Glassy-winged sharpshooters, the larvae of the Codling moth, Cabbage looper and Diamondback moth, and mobile stage of Mealybugs.

This product may be used to suppress the following diseases: powdery mildew, downy mildew, Brown rot, Shot hole, Peach leaf curl and Anthracnose disease on Almond trees.

RATES AND TIMING OF APPLICATIONS

Wine Grapes

Pest	Rate (oz./gal.)	Application Timing and Remarks
Powdery Mildew	2 to 3 oz/gal. of water	Initiate applications at 6"-12" shoots, using enough water to cover and soak wood of vines (2-3 oz/gallon). Repeat applications at 14-day intervals to bloom (2-3 oz/gallon). From bloom through veraison apply to foliage and fruit, adjusting tank volume to leaf density and cultural practices (2-3 oz/gallon of water).
Grape and Variegated Leafhoppers, Green and Glassy-winged Sharpshooters, and Mobile stages of Mealybugs	2 to 6 oz/gal. of water	Apply 2-4 oz per gallon of water when adults are first observed. Repeat application at 14-day intervals using sufficient gallonage to cover foliage, adjust pressure to penetrate to underside of leaves and inside foliage. (If high adult populations are present within 28 to 45 days before harvest, a one-time application of 6-oz/gallon of water at 200 gallons per acre may be used.)
<ul style="list-style-type: none"> • Apply 50 to 200 gallons per acre, depending on foliage density and pest pressure. • Do not apply when temperatures exceed 75°F. • May be used in combination with kelp and other foliar fertilizers. • Under severe or chronic disease conditions apply at 2 oz/gallon of water. Apply at 7-14 day application schedule. • Do not apply more than 40 gallons of TRIAD per acre per season. • Do not apply more than <i>eight</i> (8) applications per season. 		

**Almonds, Apples, Apricots, Citrus, Nectarines, Peaches and Plums
Not for use on Pre-bearing Trees**

Crop	Pest	Rate (oz./gal.)	Application Timing and Remarks
Almond	Anthracnose, Brown Rot	2 oz – 4 oz/ gal. of water	<ul style="list-style-type: none"> • Do not apply to pre-bearing trees • Apply 200-250 gallons per acre for Mealybug control on Citrus and apply 100-200 gallons per acre for other pests on crops listed in table. Apply as foliar spray. • Applications may be initiated at pink bud. • Initiate applications as soon as possible after pest is observed. • Repeat applications at intervals of 14 to 21 days • Under high insect populations or severe disease pressure, use the lowest rate and the shortest interval specified. • Do not apply more than 40 gallons of TRIAD per acre per season. • To minimize the potential for injury, do not apply more than <i>eight</i> (8) applications per season and do not apply more than once every 10 days.
Apples	Codling moth larvae, Powdery mildew, mobile stages of Mealybugs		
Apricots	Shot hole, Brown Rot, Powdery Mildew		
Citrus	Glassy-winged sharpshooter, *Mobile stages of Mealybugs		
Nectarines	Peach leaf curl		
Peaches	Cottony cushion scale, Powdery mildew, Shot hole, Brown rot, Peach leaf curl		
Plums	Cottony cushion scale, Powdery mildew		

Broccoli and Lettuce

Crop	Pest	Rate (oz./gal.)	Application Timing and Remarks
Broccoli	Powdery mildew, Cabbage looper larvae, Diamondback moth larvae	2 oz.-3 oz/ gal. of water	<ul style="list-style-type: none"> • Apply 45 to 65 gallons per acre. • Adjust volume for adequate coverage. • Do not apply until plants have at least four (4) true leaves or injury may result. • For transplanted crops, do not apply until twenty-one (21) or more days after transplanting. • Initiate applications as soon as possible after pest is observed. • Repeat applications at intervals of 10 to 14 days, to control pest populations. • Under high insect populations or severe disease pressure, use the lowest rate and the shortest interval specified. • Do not apply more than 18 quarts (4.5 gallons) of TRIAD per acre per season • Do not apply more than <u>three</u> (3) applications per season.
Head Lettuce	Downy mildew		

Roses (Field Grown and Container Stock)

Crop1	Pest	Rate (oz./gal.)	Application, Timing and Remarks
Roses	Powdery Mildew	3 oz – 4 oz/ gal. of water	<ul style="list-style-type: none"> • Apply as foliar spray. • Apply sufficient volume of water to adequately cover foliage. • Do not apply more than once every 14 days. • Initiate applications as soon as possible after target pest is observed. • Repeat applications at intervals of 14 to 21 days. • Under high insect populations or severe disease pressure, use the lowest rate and the shortest interval specified. • Do not apply more than 40 gallons of TRIAD per acre per season. • To minimize the potential for injury, do not apply more than <u>six</u> (6) applications per season.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry location.

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: 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.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences or the manner of use or application all of which are beyond the control of Environmentally Safe Systems, Inc. or the Seller. To the extent applicable by law, all such risks shall be assumed by the Buyer.

Environmentally Safe Systems , Inc. warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Environmentally Safe Systems, Inc. makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. Buyer or User's exclusive remedy and Environmentally Safe Systems, Inc. or the Seller's total liability shall be for damages not exceeding the cost of the product.