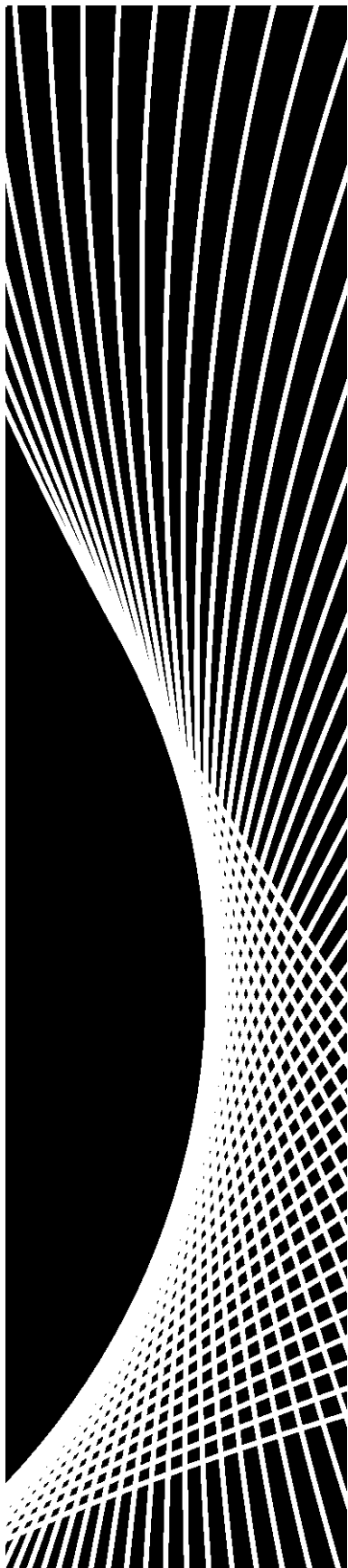


# Thiram Granuflo®

AGRICULTURAL FUNGICIDE (The Original 75% Water Dispersible Granules)

For sale to and use by professional applicators only. Not for sale to or use by homeowners/consumers.



Active Ingredient:

Thiram (tetramethylthiuram disulfide)..... 75.0%

Other Ingredients..... 25.0%

Total..... 100.0%

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

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

- |                                |   |
|--------------------------------|---|
| <b>IF SWALLOWED:</b>           | <ul style="list-style-type: none"><li>• Call a poison control center or doctor for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |
| <b>IF ON SKIN OR CLOTHING:</b> | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>IF INHALED:</b>             | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>   |
| <b>IF IN EYES:</b>             | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |

#### HOT LINE NUMBERS

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**For 24-Hour Medical Emergency Assistance (Human or Animal), Call 1-800-292-5898.**

**For Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call CHEMTREC at 1-800-424-9300. For Chemical Safety Data and Information, Call 1-866-430-2775 Toll Free, or Visit our Web Site at [www.chemtura.com](http://www.chemtura.com)**



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Product of Belgium

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid inhaling spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. The consumption of alcoholic beverages increases the toxic effects of Thiram.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride (PVC)  $\geq$  14 mils, or Viton  $\geq$  14 mils. If you want more options, follow the instructions for category C on an EPA chemical resistance selection chart.

**All Mixers/Loaders, Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves except when flagging to support aerial applications and applying with aerial equipment
- Chemical-resistant apron when mixing, loading, cleaning up spills, cleaning equipment or otherwise exposed to the concentrate.

See Engineering Controls for additional requirements and options. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

**Engineering Control Statements:**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240 (d) (6)].

**User Safety Recommendations:**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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**

This product is **toxic to fish, aquatic invertebrates, oysters and shrimp**. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

**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 (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 24 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
- Shoes plus socks
- Chemical-resistant gloves made of waterproof material

**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.

Do not apply this product using a high pressure handwand or a rights-of-way sprayer.

**CHEMIGATION:** Do not apply this product through any type of irrigation system.

**GENERAL PRODUCT INFORMATION**

THIRAM GRANUFLO® Agricultural Fungicide is a broad-spectrum fungicide for plant disease control in the culture of Peaches and Strawberries.

Chemtura Corporation's recommendations for the use of this product are based upon tests believed to be reliable. FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

## GENERAL RECOMMENDATIONS

Be sure spray equipment is clean before use. If it is contaminated with any material, crop injury or sprayer clogging may result. Calibrate spray equipment before use.

For agricultural foliar application, use recommended rates for dilute, concentrate and aerial applications.

**Ground application** is preferred, especially when full canopy of foliage exists. For dilute application, use THIRAM GRANUFLO® Agricultural Fungicide at the recommended rate listed in the "per 100 gallons" column of the Specific Applications table. For concentrate ground application, apply the recommended rate listed in the "per acre" column of the Specific Applications table in a minimum of 20 gallons per acre.

For **aerial application**, apply the recommended rate listed in the "per acre" column of the Specific Applications table in a minimum of 10 gallons per acre.

Applications of THIRAM GRANUFLO® Agricultural Fungicide are most effective when made before infection periods. Under low disease conditions, minimum label rates should be used; however, maximum label rates and shortened spray schedules are recommended for severe or threatening disease conditions. If you are not familiar with such conditions, get advice from your state agricultural extension service.

### IMPORTANT:

When spraying, thorough coverage is necessary to provide good disease control.

Addition of a spreader/sticker to the finished spray mixture may improve coverage.

Make fresh spray mixtures for each application.

## MIXING INSTRUCTIONS

To mix, fill the spray tank about 2/3 full of water, and with agitator running, slowly sift in the recommended amount of THIRAM GRANUFLO® Agricultural Fungicide. Finish filling the tank with water and continue agitation until thoroughly mixed. Continue agitation and apply immediately.

### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles. Apply only when wind speed is 2-10 mph at the application site.

Additional requirements for aerial applications:

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 15 feet above the crop canopy. When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Do not make applications into temperature inversions.

Additional requirements for ground boom applications:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

## SPECIFIC APPLICATIONS FOR THIRAM GRANUFLO® AGRICULTURAL FUNGICIDE

POUNDS THIRAM GRANUFLO® AGRICULTURAL FUNGICIDE				
FRUIT CROP	DISEASES	per acre	per 100 gal	DIRECTIONS FOR USE
PEACHES	Brown Rot, Blossom Blight and Fruit Rot ( <i>Monilinia spp.</i> )	3.5 lbs	1.17 lbs <sup>(1)</sup>	For Blossom Blight, apply at 3 -4 day intervals during bloom to protect blossoms. For Fruit Rot, apply at petal -fall, two weeks after petal -fall and in cover sprays at 7 day intervals if rot is apparent on green fruit. Do not apply within 7 days of harvest.
	Peach Leaf Curl ( <i>Taphrina deformans</i> )	3.5 lbs	1.17 lbs <sup>(1)</sup>	Apply dormant applications post -harvest in late fall and/or in late winter prior to bud swell, at bloom and petal-fall.
	<i>Rhizopus</i> Rot ( <i>Rhizopus spp.</i> )	3.5 lbs	1.17 lbs <sup>(1)</sup>	Apply at petal -fall, two weeks after petal-fall and in cover sprays at 7 day intervals if rot is apparent on green fruit. Do not apply within 7 days of harvest.
	Peach Scab ( <i>Cladosporium carpophilum</i> )	3.5 lbs	1.17 lbs <sup>(1)</sup>	Apply at petal-fall, and repeat 3 to 6 times at 10 to 14 day intervals as needed. Do not apply within 7 days of harvest. Do not apply more than 21.2 lb (15.9 lbs a.i.) per crop cycle.
STRAWBERRIES	Gray Mold ( <i>Botrytis cinerea</i> )	4.4 lbs	2.2 lbs <sup>(2)</sup>	Broadcast 3 to 5 applications at 10 day intervals per crop cycle <sup>(3)</sup> , beginning at early blossom stage. Good coverage of strawberry buds, blossoms and developing fruit is required for best results. Do not apply within 3 days of picking.

<sup>(1)</sup> Based on dilute sprays of 300 gallons per acre.

<sup>(2)</sup> Based on dilute sprays of 200 gallons per acre.

<sup>(3)</sup> Crop cycle is defined as pre-bloom through harvest.

DO NOT graze or feed cover crops from treated orchards.

### Strawberries

Leave 25 foot buffer between treatment area and native plant communities and water bodies.

The maximum single application rate for strawberries is 4.4 lbs product/acre. Limit to 5 applications per year areas west of the Mississippi River (maximum 22 lbs product/year/acre). Limit 5 applications per year areas east of the Mississippi River (maximum 22 lbs of product).

## STORAGE AND DISPOSAL

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

### **Pesticide Storage**

Store unused product in original container only. Store in a cool, dry area, preferably locked, and out of the reach of children and animals. Not for the use or storage in or around the home. Protect from excess heat.

### **Pesticide Disposal**

Pesticide wastes are toxic. Open dumping is prohibited. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### **Container Handling (44 lb. bags)**

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or 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.

### **Container Handling (10 lb. lined cardboard boxes)**

Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling, if available, or dispose of liner in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. If box is contaminated and cannot be reused, dispose of it in the manner required for its liner.

## TERMS OF SALE OR USE

On purchase of this product, buyer and user agree to the following conditions:

**Warranty:** Chemtura Corporation makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Damages:** To the extent consistent with applicable law, buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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