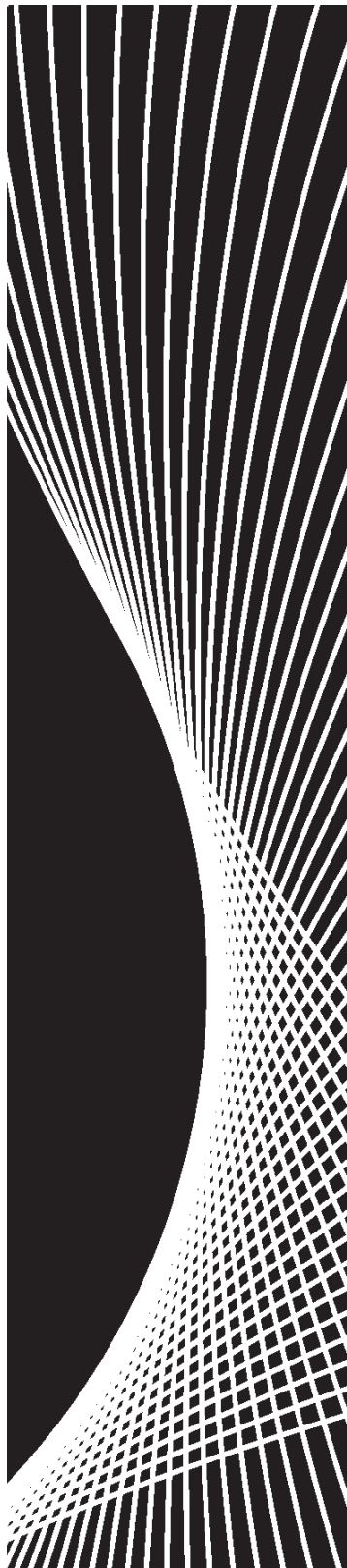


Intended for use by professional applicators only.

THIRAM 24/7™



For the control of gray mold in strawberry production and animal repellency on non-bearing vines and orchards.

ACTIVE INGREDIENT:	
Thiram [Tetramethylthiuram disulfide].....	44.0%
OTHER INGREDIENTS.....	56.0%
TOTAL.....	100.0%

Equivalent to 4.2 lb Thiram per U.S. gallon or 500 g/l

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	
IF SWALLOWED	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
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.
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 a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
MEDICAL EMERGENCY	800-292-5898
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300
PRODUCT SAFETY DATA (MSDS)	800-423-8569
For PRODUCT USE INFORMATION: Call 800-423-8569	

Net Contents:

Product of Belgium

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

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing spray mist or vapor. Do not take alcohol immediately before or after exposure to this product. The consumption of alcohol by the applicator can increase the toxicity of the product. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, and other handlers must wear:

- Long sleeved shirt and long pants,
- Shoes and socks,
- Chemical-resistant gloves, except for pilots and for handlers sewing bags of treated seed,
- Chemical-resistant apron when mixing, loading, participating in dip treatments, cleaning up spills, cleaning equipment or otherwise exposed to the concentrate.
- Respirator with an organic vapor (OV) cartridge or canister with any N, R, or P filter

See engineering controls for additional requirements and options.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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:

- Wash thoroughly with soap and water after handling and 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 outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This chemical 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 and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposing of equipment washwaters or rinsate.

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 Elimination Systems (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. Do not apply where conditions favor drift from treatment area.

ENDANGERED SPECIES

This product may have effects on federally listed threatened or endangered species or their critical habitat in some counties. It is a violation of Federal law to kill, harm or harass listed animal species without authorization. To limit the potential for such impacts when using this product, consult and follow the instructions provided in the EPA Endangered Species Bulletin for the County or Parish in which you are applying this product. To determine whether your County or Parish has a Bulletin, consult <http://www.epa.gov/espp> before each season's use of this product.

PHYSICAL AND CHEMICAL HAZARDS: Keep away from heat and open flame.

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 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 and socks, Chemical-resistant gloves made of any waterproof material, and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box only 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.

Do not enter or allow others to enter treated areas until sprays have dried.

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 graze treated areas or feed clippings to livestock.

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 determines 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 or 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 4 feet above the crop canopy.

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

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

PRODUCT INFORMATION

ANIMAL REPELLENT

DEER, RABBIT AND RODENT REPELLENCY on Non-Bearing Vines and Orchards Such as Grape Vines

- Not For This Use in California
- **Thiram 24/7** cannot be used on crops that will bear fruit within one year of application.
- The maximum application rate for products applied as a mammal (deer) repellent is one quart of product in 3 -7 gallons of water applied in an area of 1000 square feet.
- DO NOT graze or feed cover crops from treated orchards.

Thiram 24/7 can be used to protect non-bearing orchards and vines such as grape vines from rabbit, deer and rodent depredation. Non-bearing is defined as crops that will not bear fruit within one year of application. **Thiram 24/7 cannot be used on crops that will bear fruit within one year of application.** One application will protect treated parts from 1 to 3 months, depending upon weather conditions.

Deer Repellency:

This product can be used as a repellent in deterring deer from moving into unwanted areas as a result of local feeding and browsing. The product is most effective when used in combination with mechanical deterrents such as ditches, fences, etc. Prepare and spray **Thiram 24/7** as indicated below depending upon season and type of application desired. Spray to a height of 5 feet (1.5 meters). Repeat applications may be necessary to protect new growth. The addition of a latex based sticker prolongs the residual effectiveness of the treatment. Repellency is the result of rendering the treated plant parts distasteful. Some feeding may occur. As always, read and follow label directions for best results.

Spray Applications: Foliar

Add 1 quart **Thiram 24/7** to 7 quarts of water and apply as a full coverage spray to all portions of the plant to be protected. For greater retention and residual efficacy add 1 pint of latex based sticker to the spray solution. Do not use wetting agents or surfactants as foliar damage may result. For best results spray when temperatures are greater than 40°F and relative humidity is less than 70 percent.

Spray Application: Tree Trunks and Dormant Plants

Add 1 quart of **Thiram 24/7** to 3 quarts of water and apply as a spray to all portions of the plant to be protected. For greater retention and residual efficacy add 1 pint of latex based sticker to the spray solution.

Brush On Application:

Add **Thiram 24/7** undiluted with a paintbrush to stem parts and trunks to be protected. For greater retention and residual efficacy blend 4 fluid ounces of a latex based sticker into 1 gallon of **Thiram 24/7** prior to brushing.

STRAWBERRY APPLICATIONS

Thiram 24/7 is a broad spectrum fungicide for plant disease control in the culture of strawberries.

MacDermid Agricultural Solutions' 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.

PRODUCT DIRECTIONS

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.

Use directed rates for dilute, concentrate, and aerial applications. Ground application is preferred, especially when full canopy of foliage exists. For dilute application, use Thiram 24/7 at the directed rate listed in the "per 100 gallons" column of the Specific Applications table. For concentrate ground application, apply the directed 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 directed rate listed in the "per acre" column of the Specific Applications table in a minimum of 10 gallons per acre.

Applications of Thiram 24/7 fungicide are most effective when made before infection periods.

IMPORTANT: When spraying, thorough coverage is necessary to provide good disease control. Addition of a spreader/sticker to the finished spray may improve coverage of fruit and foliage. 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, pour recommended amount of material into spray tank. Finish filling the tank with water and continue agitation until material is thoroughly dispersed in the spray tank. Continue agitation and apply immediately.

SPECIFIC APPLICATIONS FOR Thiram 24/7

FRUIT CROPS	DISEASES	QUARTS THIRAM 24/7 PER ACRE	DIRECTIONS FOR USE
STRAWBERRIES	Gray Mold (<i>Botrytis cinerea</i>)	2.6	Beginning at early blossom stage, broadcast 3 to 5 applications at 10 day intervals per crop cycle. Good coverage of strawberry buds, blossoms and developing fruit is required for best results. Do not apply within 1 day of picking.

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

The maximum application for strawberries is 2.73 lbs ai per acre. Limit of 5 applications per year in areas west of the Mississippi River. Limit to 12 applications per year in areas east of the Mississippi River.

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not contaminate water, food, or feed by use or storage. Store in original containers only in a secured area inaccessible to children and unauthorized persons. Absorb spills onto clay, sand or vermiculite and hold for proper disposal. Protect from excessive heat. Keep from freezing.

Pesticide Disposal: Pesticide wastes are toxic. 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 (2.5 gallon containers): Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

Container Handling (266 gallon totes): Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available.

TERMS OF SALE OR USE: On purchase of this product, buyer and user agree to the following conditions:

Warranty: To the extent consistent with applicable law, MacDermid Agricultural Solutions, Inc. makes no warranty, expressed or implied, concerning the use of this product other than 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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