

ACCEPTED  
FOR REGISTRATION  
**Oct 11, 2023**

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New York State Department  
of Environmental Conservation  
Division of Materials Management  
Pesticide Product Registration

# DEERPRO<sup>®</sup>

## WINTER ANIMAL REPELLENT

### ACTIVE INGREDIENT:

Thiram .....25.8%  
Other Ingredients: .....74.2%  
TOTAL: .....100.0%

Contains 2.4 pounds Thiram per U.S. gallon

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

Have label with you when obtaining treatment advice.

<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately 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 the 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 immediately 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 an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor immediately for 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 immediately for treatment advice.</li></ul>

### SYMPTOMS OF POISONING

No specific symptoms. Acute poisoning is accompanied by general depression and illness. Consumption of alcoholic beverages with exposure to Thiram may cause flushing, breathing difficulty, nausea, vomiting and low blood pressure. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

### NOTE TO PHYSICIAN

No specific antidote is available. Treat symptomatically. In the presence of consumed alcohol, Thiram responds similarly to Disulfiram

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid inhaling of spray mist. Routinely shower or bathe after work. Consumption of alcoholic beverages increase the toxic effects of Thiram.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

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

### USER SAFETY REQUIREMENTS:

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are provided for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS:

- Users should 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 the 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 when cleaning equipment or disposing of equipment washwaters or rinsate.

### 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 the seed. 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 OR CHEMICAL HAZARD

Do not apply or store near heat or open flame.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Use DeerPro<sup>™</sup> Winter Animal Repellent as a repellent to reduce browsing and chewing damage from deer, rabbits, and voles (*Microtus spp.*).

**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 requirement for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agriculture 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 workers entry into treated areas during the restricted entry interval (REI) of 24 hours.**

PPE required for early reentry 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 any waterproof material, and
- protective eyewear

EPA Reg. No. 84178-1  
EPA Est. No. 084178-CT-001

**NET CONTENTS: 2.5 GALLONS**

LOT NUMBER:

## NON-BEARING TREES, SHRUBS, NURSERY STOCK, AND ORNAMENTALS

### Mode of Action

Repellency results from the distastefulness of treated plant parts.

### Repellency Duration

One application will protect treated parts from 3 to 6 months, depending on weather conditions.

### MIXING DIRECTIONS:

**Dilute one part product to two parts water and apply as a spray.**

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Thoroughly mix contents of container before using. Fill the spray tank with required amount of water. Then add the specified amount of this product to the spray tank.

This product is a suspension-type product; therefore, constant agitation during mixing and application is necessary to maintain a uniform solution.

Mix only enough solution for immediate use as the solids will settle on standing and are difficult to re-suspend. **DO NOT** store overnight in the spray tank.

**DO NOT** use wetting and spreading additives (surfactants) as severe plant injury may result.

### APPLICATION RESTRICTIONS:

**DO NOT** apply more than 5 quarts of spray mix/1000 sq ft (1.7 quarts product/1000 sq ft) (1 lb thiram a.i./1000 sq ft) in a single application.

**DO NOT** make more than 3 applications per 1000 sq ft per year.

**DO NOT** apply more than 15 quarts of spray mix/1000 sq ft (5 quarts product/1000 sq ft) (3 lbs thiram a.i./1000 sq ft) per year.

**DO NOT** apply more than one application every 3 months. **DO NOT** apply this through any type of irrigation system.

**DO NOT** apply by air.

**DO NOT** apply to fruit trees or other plants expected to produce edible fruit within one year of application.

**DO NOT** apply to apple trees but may be applied to crabapple trees.

**DO NOT** apply this product using a high pressure handwand or a rights-of-way sprayer.

### MANDATORY SPRAY DRIFT DIRECTIONS

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 grower are responsible for considering all these factors when making decisions.

#### Boom-less Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

### SPRAY DRIFT ADVISORIES:

- **THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.**
- **BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.**
- **IMPORTANCE OF DROPLET SIZE**  
An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.
- **SHIELDED SPRAYERS**  
Shielding individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.
- **TEMPERATURE AND HUMIDITY**  
When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.
- **TEMPERATURE INVERSIONS**  
Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.
- **WIND**
- Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.**  
Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.
- **Boom-less Ground Applications:**  
Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.
- **Handheld Technology Applications:**  
Take precautions to minimize spray drift.

### APPLICATION INSTRUCTIONS:

Thoroughly flush sprayer screens and nozzles promptly following use. Treat before the expected time of animal damage. Thoroughly cover area to a point well above the reach of animals. To permit repellent film to properly set, make application under favorable drying conditions (relative humidity below 70%) and temperature is above 40F. Two (2) additional treatments may be made as needed.

Type of Sprayer: Use a hand or power sprayer to give a heavy coating to the twigs and foliage. Spray only the portions of the plant to be protected to the point of runoff.

Applications to ornamentals will be restricted to the following 17 Northern States and allowed during the winter season only (October through March): CT, DE, IL, IN, MA, MD, MI, MN, NH, NJ, NY, OH, PA, RI, VT, WI, and WV

The product can be used year-round (January through December) in the following states: AK, AL, AR, AZ, CA, CO, DC, FL, GA, HI, IA, ID, KS, KY, LA, ME, MO, MS, MT, NC, ND, NE, NM, NV, OK, OR, SC, SD, TN, TX, UT, VA, WA, WY

### TERMS AND CONDITIONS OF SALE AND DISTRIBUTION

Product is prohibited for sale in stores oriented towards residential consumers: Grocery, Drug, Hardware and Home Improvement. It is acceptable for sale in stores oriented toward agricultural consumers: Farm, Agricultural, and Tractor stores. Product may not be sold in packaging that holds less than 2.5 gallons of product.

### IMPORTANT NOTICE

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions specified on the label under normal conditions of use, **but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller. To the extent consistent with applicable law, the buyer assumes the risk of any such use.**

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in a cool, dry place inaccessible to children and pets and way from food or feed.

**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:** Nonrefillable container. Do not reuse or refill this container. 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. Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration. Do not burn, unless allowed by state and local ordinances.

**GREAT OAK, INC.**  
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