

Thiram 480 DP

Seed Treatment Fungicide

EPA Reg. No. 400-434

EPA SLN No. OR-160012

FIFRA SECTION 24(c) SPECIAL LOCAL NEED LABEL

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON

**THIS LABEL IS VALID UNTIL DECEMBER 31, 2021 UNLESS OTHERWISE AMENDED,
WITHDRAWN, CANCELED, OR SUSPENDED.**

**For Treatment of Cereal Grain Seeds - Barley, Millet, Oats, Rye, Sorghum, Triticale
and Wheat - FOR EXPORT ONLY**

ACTIVE INGREDIENTS:

Thiram:
(tetramethylthiuram disulfide)42%

OTHER INGREDIENTS:58%

TOTAL:100%

This product contains 4.0 lb of thiram per gallon.

STOP - Read the full label before use
KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCIÓN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist or vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not use or store near food or feed.

Routinely shower or bathe after work. Consumption of alcoholic beverages increases the toxic effects of thiram.

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.

Applicators and other handlers must wear:

- long sleeved shirt and long pants
- shoes plus socks
- chemical resistant gloves, except when applying while driving motorized ground equipment

All mixers, loaders, applicators, people participating in dip treatments, and other handlers must wear:

Long-sleeved shirt and long pants; shoes plus socks; chemical-resistant gloves, except when applying while driving motorized ground equipment; chemical resistant apron when mixing, loading, participating in dip treatments, or 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 for washables exist, use detergent and hot water. Keep and wash separately from other laundry.

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.**
- 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.

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 treated 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.

ENVIRONMENTAL HAZARDS

This pesticide 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 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.**

Treated seeds are hazardous to fish, birds and mammals. Do not plant treated seeds by broadcasting to the soil surface. Ensure that all seeds are thoroughly covered with soil, especially in turn areas. If seeds are not thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds.

PHYSICAL OR CHEMICAL HAZARDS

Do not use 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.

This FIFRA Section 24(c) Special Local Need (SLN) label and the EPA-registered Thiram 480 DP Seed Treatment Fungicide product label must be in the possession of the user at the time of the pesticide application. Follow all applicable directions, restrictions, and precautions on this SLN label and the main EPA-registered product label.

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 Commercial Seed Treatment Only

Apply the rate of Thiram 480 DP Seed Treatment Fungicide recommended below using mechanical, slurry, or mist-type seed treating equipment, provided that the equipment is calibrated to accurately apply the product to the seed. For maximum effectiveness, seed must be treated uniformly and covered thoroughly.

FOR TREATMENT OF SEED INTENDED FOR EXPORT ONLY. NOT for use immediately before planting, such as through hopper boxes, planter boxes, slurry boxes, or tractor-mounted treaters, or any other uses not covered the Worker Protection Standard, 40 CFR part 170.

If it is desirable to prepare slurries in large containers for addition to the slurry tank, entire contents should be thoroughly agitated before withdrawing any of the slurry.

APPLICATION RATE TABLE:		
Seed Type	Thiram 480 DP Application Rate (fl oz / 100 lb Seed)	Thiram Active Ingredient Resulting Concentration on Treated Seed (% Thiram)
Cereal Grains: Barley, Millet, Oats, Rye, Sorghum, Triticale, Wheat	6.8	0.213
	7.0	0.219
	7.2	0.225
	7.4	0.231
	7.6	0.238
	7.8	0.244
	8.0	0.25

USE PRECAUTIONS AND RESTRICTIONS:

This product does not contain dye and is not covered by an appropriate tolerance, tolerance exemption, or other clearance under the Federal Food, Drug and Cosmetic Act. To comply with 40 CFR 153.155, therefore, all seed treated with this product must be colored with an EPA approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals.

FOR EXPORT USE ONLY – Seed treated under SLN No. OR-160012 may not be planted in the U.S.

SEED LABELING:

Seeds that are treated with this product under SLN No. OR-160012 must be labeled with the following information:

“TREATED SEED. This seed has been treated with thiram fungicide (Thiram 480 DP). When opening container or loading/pouring the treated seed, wear long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves. Do not use treated seed for food, feed, or oil purposes. FOR EXPORT ONLY – Not to be sold or offered for sale in the United States.”

24(c) Registrant:

**MacDermid Agricultural Solutions, Inc.
245 Freight Street
Waterbury, CT 06702**

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