

BARLEY, MILLET, OATS, RYE, SORGHUM, TRITICALE, WHEAT

General Information

TREATED SEED

Seeds or Bulbs that are treated with this product and are then packaged or bagged for future use by growers or researchers must contain the following labeling on the outside of the seed or bulb package or bag:

- This bag contains seeds or bulbs treated with thiram fungicide (Thiram 480 DP). When opening this bag or loading/pouring the treated seeds or bulbs wear long-sleeved shirt, long pants, shoes, socks and chemical resistant gloves.
- Treated seeds or bulbs. Do Not Use for Food, Feed or Oil Purposes.
- Store treated seed away from food and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Dispose of seed packaging or containers in accordance with local requirements.
- Endangered Species” section of this label must be included on the seed tag.
- After the seeds or bulbs have been planted, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: Once the seeds or bulbs are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the seeds or bulbs.
- Treated seeds or bulbs are hazardous to fish, birds and mammals. Do not plant treated seeds or bulbs by broadcasting to the soil surface. Ensure that all seeds or bulbs are thoroughly covered with soil, especially in turn areas. If seeds or bulbs are not thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds or bulbs. 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 planting equipment washwater or rinsate or by disposal of wastes.
- Plant cotton, wheat, barley, oats, and sugarbeet seed a minimum of 1 inch deep.

Seeds or Bulbs that are treated with this product and are then packaged or bagged

for future use by homeowners or other residential users must contain the following labeling on the outside of the seed or bulb package or bag:

Treated seeds. Do not use for food, feed or oil purposes.

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 Treatment of Coniferous Seed

Damping-off protection: Use 2 quarts of Thiram 480 DP per 100 pounds of seed.

Slowly add to the seed while turning in a tumbler such as a concrete mixer. Tumble seed for approximately 2 minutes or until Thiram 480 DP is evenly distributed and then spread coated seed on a screen to dry.

For the Treatment of Ornamental Bulbs, Corms and Tubers:

Treat any time after drying. Dip in a suspension made by mixing 1 ½ pints of Thiram 480 DP in 8 gallons of water. Agitate the suspension. If bulbs are to be stored, spread out to dry. Bulbs or tubers that are treated with this product must bear distinct labeling that instructs:

CAUTION: Treated with thiram. Wear rubber gloves and protective clothing when handling products treated with thiram. Direct exposure to skin may result in severe dermatitis.

Cotton Seed: The maximum thiram application rate for cotton seed is 1.6 oz ai/cwt (equivalent to 3.2 fl. oz./cwt Thiram 480 DP). Plant treated cotton seed a minimum of 1 inch deep.

Barley Seed: Plant barley seed a minimum of 1 inch deep.

Oat Seed: Plant oat seed a minimum of 1 inch deep.

Sugar Beet Seed: Plant sugar beet seed a minimum of 1 inch deep.

Wheat Seed: Plant wheat seed a minimum of 1 inch deep.

Onion Seed: When 1.5 lbs ai/cwt is used, the onion seed must undergo pelletized

treatment.

Limitations, Restrictions, and Exceptions

RECOMMENDATIONS FOR USE AS A COMMERCIAL SEED TREATMENT

Thiram 480 DP Fungicide is a liquid fungicide recommended for the treatment of seeds listed in the following table. Used according to directions, Thiram 480 DP will usually increase stands and yields by reducing losses from seed decay, damping-off and seedling blights caused by many seedborne and soilborne organisms. Thiram 480 DP will usually control covered smuts or bunt of wheat, barley and rye and covered kernel smut of sorghum and will usually prevent basal rot and decay of ornamental bulbs and tubers. Thiram 480 DP aids in the control of *Alternaria* and *Phoma* on canola. Thiram 480 DP aids in the control of seedborne conidia produced from the honeydew inoculum from field infection of *Claviceps africana* (ergot) on sorghum seed.

For “Commercial Seed Treatment: Apply with mechanical, slurry, or mist-type seed treating equipment, provided that the equipment is calibrated to accurately apply the product to seed. For maximum effectiveness, seed must be treated uniformly and covered thoroughly.”

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.

Oats and Triticale - Not registered for use in California

Method

[Seed Treatment](#)

Rates

[field rates 0](#)

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Restricted Entry Interval

24 hours

Exception: Once treated seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction, if there will be no contact with the treated seeds.

Timings

N. A.