



Pesticide Advisory Treated Seed Label Requirements

While pesticides can be valuable tools to protect crops from pests and disease, the Oregon Department of Agriculture reminds seed treatment users that there are specific requirements on pesticide labels which must be transferred to the labels on treated seed. This is in addition to the seed labeling requirements.

Failure to have the correct labeling on your finished product as required by the pesticide label could be in violation of:

- Oregon's Pesticide Control Act ORS 634 and
- Oregon's Seed Rules (see OAR 603-056-0431(2)(a), which requires that seed be labeled as indicated on the label of the seed treatment pesticide).

The Oregon Department of Agriculture has recently seen a few examples of proposed labels intended for treated lawn mixes which did not include all the information required by the pesticide label and did not include the language required by Oregon's seed rule. Below are two examples of information required by seed treatment pesticides, one for Apron XL treated seed, and one for seed treated with Thiram 480 DP Seed Treatment Fungicide.

The best way to ensure that your finished product labeling contains all the information required is to read the entire pesticide label of the product you are treating your seed with. In some cases, this includes both the main pesticide container label as well as any 24(c) Special Local Need (SLN) label, if applicable. If you are doing contract work with an outside company that produces the labels, remember to communicate the label requirements (e.g. share a copy of the label) for the pesticide products being utilized so that seed product label developers can ensure the information is on the final treated seed label.

Required Labeling on Seed Treated with Apron XL (directly from the Apron XL label)

The following is found under "SEED CONTAINER LABEL REQUIREMENTS," on the Apron XL (EPA Reg. No. 100-799) label.

6.0 SEED CONTAINER LABEL REQUIREMENTS

THE FEDERAL SEED ACT REQUIRES THAT CONTAINERS OF SEEDS TREATED WITH APRON XL MUST BE LABELED WITH THE FOLLOWING STATEMENTS:

- This seed has been treated with mefenoxam fungicide.
- Do not use treated seed for feed, food, or oil purposes.

THE US ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON CONTAINERS OF SEEDS TREATED WITH APRON XL:

- Store away from feed and foodstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting, such as in row ends.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
- Dispose of excess treated seed by burying seed away from bodies of water.
- Do not contaminate water bodies when disposing of planting equipment washwater.
- Dispose of seed packaging in accordance with local requirements.
- Excess treated seed may be used for ethanol production only if: (1) By-products are not used for livestock feed, and (2) No measurable residues of pesticides remain in ethanol by-products that are used for agronomic practice.
- Treated seed must be incorporated into the soil at the recommended depth.
- **Groundwater Advisory:** Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Required Labeling on Seed Treated with Thiram 480 DP Seed Treatment Fungicide (directly from the Thiram 480 DP Seed Treatment Fungicide label) The following is found under, “SEED PROTECTANT APPLICATIONS,” on the Thiram 480 DP Seed Treatment Fungicide (EPA Reg. No. 70506-575) label.

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.

For questions on pesticide product labels contact our Pesticide Program at 503-986-4635 (or for Spanish 503-986-4550), or via email at pesticide-expert@oda.oregon.gov

More information about seed labeling is available at <https://oda.direct/SeedLabeling>

Specific active ingredients may have additional requirements.

Oregon OSHA Thiram rule: <https://osha.oregon.gov/Pages/topics/thiram.aspx>

