CONTAINS 2% CHLOROPRIOXONE PREPLANT SOIL FUMIGANT

POISON

St. Louis is not the only city to face a fungal threat. This is a fungal disease known as "Fusarium Head Blight." It is a serious concern for farmers and can be devastating to crop yields. It is spread through the use of fungicides and chemicals that are not approved for use in yards and gardens. This product contains chloropicrin, a potent soil fumigant that can cause serious harm to humans and animals. It is important to follow the label instructions carefully and to take appropriate precautions when handling this product.

In general, the use of fungicides is regulated by the Environmental Protection Agency (EPA) and the states. The EPA has established a限量值 (LVD) for the concentration of certain toxins in soil and water, which are used as guidelines for the safe use of fungicides. These限量值 (LVD) vary depending on the specific fungicide and the type of soil or water being treated.

When using fungicides, it is important to follow the label instructions carefully and to take appropriate precautions. This includes wearing personal protective equipment, such as gloves and masks, and following proper disposal procedures. It is also important to keep the area treated clean and free of any debris that could become contaminated with the fungicide.

In summary, the use of fungicides is regulated and must be used with caution. It is important to follow the label instructions carefully and to take appropriate precautions when handling these products. The限量值 (LVD) established by the EPA and states should be followed to ensure the safety of the environment and human health.

If you have any questions about the use of fungicides or the限量值 (LVD), please contact your local health department or the EPA.

Note: This information is intended for educational purposes only and is not a substitute for professional advice. Always consult with a qualified health or environmental professional before using fungicides.

REFERENCES


Exclusion of Non-Handlers from Application Block

The certified applicator supervising the application and the owner/operator of the establishment where the fungicide is being applied shall ensure that all those who are not trained and PPE-equipped and who are not performing one of the handling tasks as stated in this labeling are excluded from the application block during the entryrestricted period.

Providing, Cleaning, and Maintaining PPE

The employer of any handler (as stated in this label) must ensure that all handlers are provided and correctly wear the required PPE. The PPE must be cleaned and maintained as required by the Worker Protection Standard for Agricultural Pesticides.

Air-Purifying Respirator Availability for Pre-plant Soil Uses

At a minimum two handlers have the appropriate air-purifying respirator and cartridges available and that these handlers are fit-tested, trained, and medically examined. This must be documented in the FMP.

The employer of any handler must confirm that an air-purifying respirator and appropriate cartridges of the type specified in the PPE section of this labeling are immediately available for each handler who will wear one.

Availability of Respirometers for Emergencies

The employer of any handler must confirm that at least one self-contained breathing apparatus (SCBA) is on-site and ready for use in case of an emergency. This must be documented in the FMP.
Regulation of the Nervous System

Method for treating (see below). Surface soil generally dries rapidly and nort be considered in this determination.

If there is insufficient moisture 9 inches below the surface, the soil moisture must be adjusted. If irrigation is not available and the soil is sufficiently moist in the upper 6 inches, water application must be delayed by slope before fungicide application. To control existing soil moisture, prevent post-emergent irrigation or prevent any additional moisture from reaching the application as possible.

Measure moisture at a depth of 9 inches at either end of the field, no more than 48 hours prior to application.

Soil Moisture Determination

The USDA Soil and Water Conservation Service for estimating moisture as appropriate for the soil surface.

For coarse textured soils (sand and silt free, the soil is moist enough to squeeze a handful of moist sand without the sand falling apart, or it will not be able to hold a line when squeezed between the fingers, or it will crumble). Medium textured soils (sandy clay loam, loam, and clay loam) are considered moist if the soil is moist enough to squeeze a handful of moist sand without the sand falling apart, or it will not be able to hold a line when squeezed between the fingers, or it will crumble. Fine textured soils (clay, silt, and mud) are considered moist if the soil is moist enough to squeeze a handful of moist sand without the sand falling apart, or it will not be able to hold a line when squeezed between the fingers, or it will crumble. Soil wetness is determined by the USDA Soil Conservation Service for each field or field unit. Field unit is defined as a single field or set of fields with similar soil types and management practices.

Soil Preparation

Sweeping or hoeing should be done after application of the fungicide. Sweeping or hoeing should be done after application of the fungicide. Sweeping or hoeing should be done after application of the fungicide.

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Plating Interval
- Wait a minimum of two weeks after fumigation before planting or transplanting. If colors of the fumigant persist beyond this two-week period and after tarps are perforated and removed, disc or plow the soil to help it dissipate. See Tarper Perforation and/or Removal section on this labeling for further requirements.

Pre-Plant Soil Fumigation in Greenhouses: Mandatory GAPs
- During the application keep doors, vents and windows to the outside open and fans or other mechanical ventilation systems running with the application block.
- Leaks through which gases could enter adjacent enclosed areas must be sealed.

Hot Gas Applications to Soil and Tobacco Seedling Trays: Mandatory GAPs
- The hot gas method consists of using a commercially manufactured gasifier or heat exchanger, or a copper coil immersed in a vessel containing hot water, to vaporize the fumigant before introduction.
- All delivery tubes must be placed under the tarps in such a way that they do not move during the fumigation application.
- The fumigant must be introduced from outside of the greenhouse/application area (e.g., the greenhouse, house, or field or portion of a field treated with a fumigant in any 24-hour period) (see entry requirement for respiratory protection).
- All fittings, connections, and valves must be checked for leaks before the application.
- All fittings, connections, and valves must be checked for leaks before the application.
- The soil/material to be treated must be at least 60 F but must not exceed 90 degrees F.
- Tobacco seedling trays may also be treated. Arrange the trays in rows across the mouse distance no more than 5 feet apart, then cover and seal with a tarps. Introduce the fumigant at the top to prevent the tarps from being wrinkled.
- Seal the edges of the tarps by burying, covering with moist sand, or soil by means of sand seals.

Tree Replant Application Using Handheld Equipment: Mandatory GAPs
- In addition to the GAPs required for all soil fumigation applications, the following GAPs apply for tree replant applications. This application method is used when methyl bromide is applied to individual tree sites in an existing orchard where orchard applications are not possible.

Soil Temperature
- The maximum soil temperature at the depth of injection must not exceed 90 degrees F at the beginning of the application.
- If air temperatures have been above 100 degrees F in any of the three days prior to application, then soil temperature must be measured and recorded in the FMP.

Soil Moisture
- The soil must be moist 9 inches below the surface. The amount of moisture needed in this zone will vary according to soil type and must be determined using the USDA Field and Appearance

Unfavorable Weather Conditions
- Unfavorable weather conditions block upward movement of air which results in trapping fumigant in the soil and preventing it from dissipating properly. These conditions typically exist prior to sunset and continue past sunrise and persist as late as noon. Unfavorable conditions are common on nights with high winds or overcast skies or where air stagnation may be indicated by ground fog or smog, and can also be identified by smoke from a ground source that flattens out below a ceiling and moves laterally in a concentrated cloud.
SIE SPECIFIC FUMIGATION MANAGEMENT PLAN (FMFP)

Prior to the start of the fumigation, the certifying authority must verify that a site-specific FMFP exists for each application block (i.e., a greenhouse or field or part of a field that is to be fumigated) and that the required parameters are met. The site-specific FMFP may be submitted as a separate document or as part of the application package. The FMFP must address the following:

1. Percentage of space to be fumigated,
2. The method of fumigation,
3. The duration of the application,
4. The number of fumigant applications required,
5. The time intervals between applications,
6. The postapplication period for the application block,
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STORAGE AND DISPOSAL

Do not contaminate water, food or feed with this product.

PESTICIDE STORAGE AND HANDLING: Store in a secure manner, either outdoors under ambient conditions, or indoors in a well-ventilated area. Do not store the pesticide storage area.

Store 50, 100, 175, 200, and 365 lb. cylinders upright, in a secure manner to prevent tipping. Store 175 lb. cylinders in a horizontal position or upright, in a secure manner to prevent tipping or rolling. Do not stack cylinders to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tongs, or similar devices to unload cylinders. Do not load cylinders using hand truck, fork truck, or other devices to the cylinder which can be firmly secured. Do not remove valve protection bonnet and safety cap until immediately before use. Replace safety cap and valve protection bonnet when cylinder is not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticides is a violation of Federal and State laws. If these wastes are disposed of by burning, they may produce dioxins, furans, and other hazardous substances. Direct contact with water, food, or feed. Do not use their disposal cylinders. Follow state regulations for the return of partially empty cylinders.

CONTAINER DISPOSAL: When cylinder is empty, close valve by turning clockwise until hand tight, screw safety cap onto valve outlet, and replace protection bonnet before returning to shipping. Only the registered is authorized to refill cylinders. Do not use cylinders for any other purpose. Follow registrant's instructions for return of empty or partially empty cylinders.

RETURN OF CYLINDERS:
1) Cylinders are the property of the manufacturer or distributor where purchased and must be returned promptly by collection freight.
2) Do not ship cylinders without safety caps or valve protection bonnets.
3) When a cylinder is partially full and there is no further requirement for the product, contact the manufacturer or distributor for further instructions.
4) Do not refill cylinder or use it for any other product or purpose.

NOTICE: Contains methyl bromide, a substance which harms public health and environment by destroying ozone in the upper atmosphere.

Warranty: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, express or implied, including but not limited to warranty of merchantability and fitness for a particular purpose. To the extent consistent with applicable law, Seller's liability is limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.