

# Supplemental Labeling



Dow AgroSciences LLC

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## RESTRICTED USE PESTICIDE

Sale and Use Restricted to Certified Applicators or  
Persons Under their Direct Supervision

## Telone<sup>®</sup> II

EPA Reg. No. 62719-32

EPA 24(c) Special Local Need Registration SLN OR-940038  
(For Distribution and Use Only in the State of Oregon)

### Suppression of Certain Perennial Weeds Such as Canada Thistle, Field Bindweed (Perennial Morningglory) and Quackgrass in Cropland

This label valid until December 31, 2012 or until otherwise amended, withdrawn, canceled, or suspended.

#### ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This label and the federal label for this product must be in the possession of the user at the time of pesticide application.
- Read the label affixed to the container for Telone<sup>®</sup> II soil fumigant before applying. Follow all applicable directions, restrictions, and precautions on this supplemental label and the main EPA-registered label. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

|                          |             |
|--------------------------|-------------|
| Active Ingredient:       | (by weight) |
| 1,3-dichloropropene..... | 97.5%       |
| Inert Ingredients .....  | 2.5%        |
| Total .....              | 100.0%      |

1 gallon of Telone II weighs 10.15 lb at 70°F. Contains 9.85 lb of 1,3-dichloropropene per gallon.

## WARNING

### Environmental Hazards

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 equipment rinsate. See Storage and Disposal section. In case of spills properly dispose of contaminated materials.

**Groundwater advisory:** 1,3-dichloropropene is known to move through soil and under certain conditions has the potential to reach groundwater as a result of agricultural use. Application in areas where soils are permeable and groundwater is near the surface could result in groundwater contamination. Do not apply within 100 feet of any well used for potable water. Do not apply this product within 100 feet from the edge of karst topographical features. Karst topography is identified from landscape features that result from the dissolving activity of water in carbonate rock formations (limestone, dolomite and marble). Surface features that are associated with karst topography include sinkholes, caverns, springs, and sinking or disappearing streams.

### **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 requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural 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), restricted-entry intervals, and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

#### **Entry Restriction:**

Entry (including early entry that would otherwise be permitted under the WPS) by any person -- other than a correctly trained and equipped handler who is performing a handling task permitted on this labeling -- is **prohibited** from the start of application until 5 days after application. **In addition**, if tarps are used for the application, non-handler entry is prohibited while tarps are being removed.

#### **Notification:**

Notify workers of the application by warning them orally and by posting fumigant warning signs at entrances to treated areas. The sign must bear the skull and crossbones symbol and state: (1) "**DANGER/PELIGRO**," (2) Areas under fumigation, **DO NOT ENTER/NO ENTRE**," (3) the date and time of fumigation, (4) "Telone II Fumigant in use," and (5) name, address, and telephone number of the applicator." Post the fumigant warning sign instead of the WPS sign for this application, but follow all WPS requirements pertaining to location, legibility, size and timing of posting and removal.

#### **PPE for Reentry During the Entry-Restricted Period:**

PPE for entry that is permitted by this labeling is listed in the "Hazards to Humans and Domestic Animals" section of this labeling.

## **Directions for Use**

Telone II is recommended for use to suppress Canada thistle, field bindweed, quackgrass and certain other deep-rooted perennial weeds in cropland. Apply Telone II as a preplant broadcast treatment at a rate of 25 to 40 gallons per acre. Use higher rates on finer textured (heavier) soils such as clay loam. For best results, apply in late summer or fall.

### **Application Methods and Equipment**

Apply Telone II as a broadcast treatment using either chisel (shank), Nobel (sweep), plow sole or modified ParaTill application equipment according to the following recommendations.

Use chisel equipment with ripper-type shanks, plow sole or ParaTill equipment modified so that outlet spacing is evenly distributed under the tool bar. With chisel and ParaTill equipment, a shank spacing of 12 to 24 inches is recommended. Do not exceed a shank spacing of 24 inches. Outlet depth should be at least 18 inches below the final soil surface. For plow sole equipment, a 12-inch outlet spacing is recommended.

Nobel plow equipment may be used when either shallow soils (those less than 18 inches deep) or soils containing excessive live root material such as alfalfa or corn stubble prevent the use of shank application. Nobel plow outlet spacing should not exceed 12 inches and application should be made to a depth of at least 15 inches. Fumigant penetration may be limited if a plow pan exists below the depth of the Nobel blade.

### **Soil Sealing**

Immediately after fumigation application, use a disc, paddle wheel, or similar device to uniformly mix the top 4 to 6 inches of soil to effectively eliminate chisel traces. Then follow immediately with a ring roller or cultipacker to seal the soil surface. Little or no crop residue should be exposed at the surface following the sealing operation. Any remaining crop residue should lie flat following sealing.

### **Undisturbed Soil Interval**

Following application and sealing, leave soil undisturbed for 7 to 14 days. The longer interval may be necessary if the soil is or becomes cold or wet during this period. At the end of this undisturbed period, the treated soil may be worked with a moldboard plow to turn the top few inches of soil under at least 12 inches of soil. An additional 10 to 15 gallons of Telone II per acre may be applied during this operation as

a plow sole application. The soil surface should then be uniformly mixed and resealed, and then left undisturbed for another 7 to 14 days according to the above directions. This double fumigation procedure will help to reduce the survival of weed seeds and vegetative parts of perennial weeds in the top 2 to 4 inches of soil which may otherwise survive exposure to a single application.

Following the undisturbed period and prior to planting, allow the fumigant to dissipate completely. Beyond the specified undisturbed interval, allow at least 1 additional week of fumigant dissipation for each 10 gallons of Telone II applied per acre. Dissipation is usually complete when the odor of Telone II is no longer detected within the zone of fumigation. To hasten dissipation following the undisturbed interval, especially if heavy rains or low temperatures occurred during the undisturbed interval, till the soil to the depth of fumigation.

**Note:** Weeds that emerge following treatment of soil with Telone II as described above may be controlled using appropriate chemical or mechanical methods. For additional weed control information, consult your State Agricultural Experiment Station or Extension Service weed specialist or local Dow AgroSciences representative.

**Chemigation:** Do not apply this product through any type of irrigation system.

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