

# Supplemental Labeling



DowElanco

9330 Zionsville Road

Indianapolis, Indiana 46268-1054 USA

## Restricted Use Pesticide

Due to high acute inhalation toxicity and carcinogenicity. For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

### RESTRICTED USE PESTICIDE

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

## Telone\* II Soil Fumigant

(EPA Reg. No. 62719-32)

**ACCEPTED**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg No. 62719-32

For Nematode and Wireworm Control in Soils to be Planted to Potatoes or Onions

(For Distribution and Use Only in Idaho, Nevada, Oregon, Utah, Washington  
and in Modoc and Siskiyou Counties of California)

### ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Telone II before applying. Carefully follow all precautionary statements and applicable use directions except as specified below.
- Use of Telone II according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Telone II.

### Directions for Use

For control of Columbia root knot nematode (*Meloidogyne chitwoodi*) in soils to be planted to potatoes, apply Telone\* II soil fumigant as described below at the rate of 20 gallons per acre (59 fl oz/1000 ft of row/outlet based on 12-inch centers) in mineral soil and 36-25 gallons per acre (106.74 fl oz/1000 ft of row/outlet based on 12-inch centers) in muck soil. In soils to be planted to onions, apply Telone II as described below at the rates of 18 and 36-25 gallons per acre (53 and 106.74 fl oz/1000 ft of row/outlet based on 12-inch centers) in mineral and muck soils, respectively. For best results, apply the fumigant consistently at least 18 inches below the final soil surface.

For control of northern root knot nematode (*Meloidogyne hapla*) in soils to be planted to either potatoes or onions, apply Telone II as described below at the rate of 15 to 18 gallons per acre (44-53 fl oz/1000 ft of row/outlet based on 12-inch centers) in mineral soil and 36-25 gallons per acre (106.74 fl oz/1000 ft of row/outlet based on 12-inch centers) in muck soil. For best results, apply the fumigant consistently at least 18 inches below the final soil surface. For high populations, use the higher recommended application rate.

For control of stubby-root nematode (*Paratrichodorus* spp.) in soils to be planted to potatoes, apply Telone II as described below at the rate of 25 gallons per acre (74 fl oz/1000 ft of row/outlet based on 12-inch centers) in mineral soil and 36 gallons per acre (106 fl oz/1000 ft of row/outlet based on 12-inch centers) in muck soils. In soils to be planted to onions, apply Telone II as described below at the rates of 18 and 36-25 gallons per acre (53 and 106.74 fl oz/1000 ft of row/outlet based on 12-inch centers) for mineral and muck soils, respectively. For best results, apply the fumigant consistently at least 18 inches below the final soil surface.

For control of wireworms (*Limonius* spp.) in soils to be planted to potatoes, apply Telone II as described below at the rate of 20 gallons per acre (59 fl oz/1000 ft of row/outlet based on 12-inch centers) in mineral soil and 36-25 gallons per acre (106.74 fl oz/1000 ft of row/outlet based on 12-inch centers) in muck soil. In soils to be planted to onions, apply Telone II as described below at the rates of 18 and 36-25 gallons per acre (53 and 106.74 fl oz/1000 ft of row/outlet based on 12-inch centers) in mineral and muck soils, respectively. For best results, apply the fumigant consistently at least 18 inches below the final soil surface.

**Application Methods and Equipment:** Apply Telone II as a broadcast treatment using either chisel (shank), Nobel (sweep) or modified ParaTill application equipment according to the following recommendations:

Except in those conditions described in the next paragraph for Nobel plow equipment, use either chisel equipment with ripper-type shanks 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.

Nobel plow equipment may be used only when either shallow soils (those less than 18 inches deep) or soils containing excessive live root material such as alfalfa or corn stubble prevents 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.

Do not use plow-sole application.

**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 undisturbed interval may be necessary if the soil is or becomes cold or wet during this period. Allow at least 1 additional week for each 10 gallons of Telone II applied per acre beyond the initial undisturbed interval for fumigant dissipation. Before planting, allow fumigant to dissipate completely. Dissipation is usually complete when the odor of the fumigant is no longer detected within the zone of fumigation. To hasten dissipation following the initial undisturbed interval described above, especially if heavy rains or low temperatures occur during the undisturbed interval, till the soil to the depth of fumigant injection. Use a knife-like chisel without turning the soil to reduce the possibility of recontamination of the fumigated zone within the soil.

**Special Precautions:**

- Use of Telone II does not guarantee pest-free potatoes at harvest.
- Use of Telone II according to these use directions will control only the nematode populations present within the fumigated zone at the time of fumigation. The fumigated zone can vary depending upon a number of factors such as fumigant rate, application methods used, depth of fumigant application, soil moisture, soil type, soil temperature and soil tilth (including soil compaction and soil porosity). Telone II will not control or prevent reinfestation subsequent to the treatment. Subsequent pest populations may infest the fumigated zone from irrigation water, equipment or other sources of contamination or may invade the fumigated zone from surrounding untreated soil such as from beneath the fumigated zone or from unfumigated pockets within the fumigated zone.
- Before fumigation, soil sampling following university soil sampling guidelines, for the type and number of pests present is recommended. Fumigation cannot be expected to eradicate the entire pest population. Therefore, post-treatment/preplant soil sampling, again following university soil sampling guidelines, is recommended to determine the need for additional pest population or other management practices.
- Preharvest soil sampling, following university soil sampling guidelines, and preharvest tuber sampling is recommended to detect developing nematode populations or early tuber infection. For best timing and sampling methods, consult your local extension service, pest control advisor, or your local DowElanco representative for assistance. If the nematode population in the soil is high enough that the crop may be damaged or if any nematode damage is detected in the tubers, the potatoes should be harvested and marketed immediately. **Do not store nematode-infested tubers.**
- Do not plow the ground in the spring in such a way that inverts the soil prior to a spring fumigation. Such tillage operations should be conducted in the fall to allow winter kill of residual nematode populations in the top 1 to 2 inches of the soil profile.
- Following a fall soil fumigation and undisturbed soil interval as described above, a cover crop, such as wheat or grass, can be planted to reduce the potential for soil erosion.
- Refer to the product label affixed to the container for Telone II for recommended soil conditions and additional use precautions for optimum fumigant performance. The user should understand that there are a range of recommended soil conditions under which Telone II may be applied in compliance with the product label affixed to the container for Telone II. Within that range of recommended soil conditions, product performance can be expected to improve as the soil conditions move toward optimum. Use of Telone II under soil conditions outside the recommended range can be expected to yield less than satisfactory performance.

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**Amendments:**

- 1 Application rates revised in accordance with EPA agreement dated 1/13/96 (Conclusion of Special Review Statements)

H1A/Telone II/Amend Supp-122-70 025/02 26 96

EPA accepted \_\_\_ / \_\_\_ / \_\_\_

Replaces 122-70 016 (04/01/94)

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# Supplemental Labeling



DowElanco 9330 Zionsville Road Indianapolis, Indiana 46268-1054 USA

**RESTRICTED USE PESTICIDE**  
Due to high acute inhalation toxicity and carcinogenicity. For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

## Telone\* II

(EPA Reg. No. 62719-32)

For Distribution and Use Only Within the State of Florida

### Additional Use Restrictions for Certain Florida Counties

**ACCEPTED**  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62719-32

**Active Ingredients:**

1,3-dichloropropene .....	94%
Inert Ingredients .....	6%
Total .....	100%

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- Use of Telone II according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container of Telone II.

### Directions for Use

**NOTE:** Additional use restrictions listed below apply to the following Florida counties: Brevard, Broward, Charlotte, Citrus, Collier, Dade, DeSoto, Glades, Hardee, Hendry, Hernando, Highlands, Hillsborough, Indian River, Lake, Lee, Manatee, Martin, Monroe, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Sarasota, Seminole, St. Lucie, Sumter, and Volusia. For all other Florida counties, follow the label affixed to product container for Telone II.

#### Additional Use Restrictions

- Use Telone II only on soils that have a relatively shallow hard pan or soil layer restrictive to downward water movement (such as spodic horizon) within six feet of the ground surface and are capable of supporting seepage irrigation regardless of irrigation method employed.
- Use standard chisel injection equipment to inject Telone II as deep as possible without placing the fumigant directly into the shallow subsurface irrigation water.
- Telone II may not be applied within 100 feet of drinking water wells.
- For retail sale and use only by applicators who have completed the DowElanco training program or persons under their direct supervision

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#### Amendments:

1. Additional restrictions for use of Telone II in the state of Florida