

# Supplemental Labeling

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## 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.

## Telone<sup>®</sup> EC

EPA Reg. No. 62719-321

EPA 24(c) Special Local Need Registration SLN AZ-970005  
(For Distribution and Use Only in the State of Arizona)

### Control of Nematodes in Soils to be Planted to Melons Using Drip Irrigation Systems Only

#### 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<sup>®</sup> EC soil fumigant before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Telone EC according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Telone EC.

#### Directions for Use

**Application Rate:** Apply 9 gallons per treated acre broadcast equivalent. If the irrigation system does not completely wet the area between drip irrigation lines, adjust the application rate in proportion to the width of the actual area treated compared to total row width.

**Dilution Rate as Applied:** 500 to 1500 parts per million (ppm) of Telone EC

**Method of Application:** Apply Telone EC as a preplant application only through drip irrigation systems (drip lines buried at least 6 inches below the soil surface).

**Planting Interval:** Leave the soil undisturbed and unplanted for at least 14 days after applying Telone EC. A longer undisturbed interval is required under cold or wet soil conditions.

After fumigation, to prevent phytotoxicity, allow the fumigant to dissipate completely before planting the crop. Under optimum soil conditions for dissipation, 1 week for each 10 gallons per acre is recommended with a minimum interval of 14 days following application. Seed may be used as a bioassay to determine if Telone EC is present in the soil at concentrations sufficient to cause plant injury. Do not plant if the odor of Telone EC is present.

**Frequency/Timing of Application:** Apply any time of the year when soil temperatures are between 40°F and 80°F at the depth of application.

**Tank Mixing:** Do not mix Telone EC with other agricultural products.

**Preharvest Interval:** Not applicable.

## Other Requirements

Soil must be in good seed bed condition, free of clods and undecomposed plant material.

Use drip irrigation components made only of copper, stainless steel, steel, polypropylene, polyethylene, nylon, Teflon, rigid PVC, EPDM and viton. Rigid PVC should not be exposed to undiluted Telone EC or more than 1500 ppm Telone EC in the diluted form. Do not use drip tube materials made of aluminum, magnesium, zinc, cadmium, tin and alloys, or vinyl.

Drip emitters should be spaced 12 to 24 inches apart on the drip lines. Planting should occur within the treated area.

**Step 1:** Use sufficient water to increase soil moisture throughout the treatment zone to near or at field capacity. This should occur over a 7- to 10-day period prior to application in order to stimulate nematode hatch and activity.

**Step 2:** Apply 9 gallons of Telone EC per acre broadcast equivalent in enough water so that soil moisture throughout the treatment zone, including near the soil surface, is again at or near field capacity. The concentration of Telone EC must be between 500 and 1500 ppm in the drip irrigation lines. Do not exceed a concentration of 1500 ppm of Telone EC. Telone EC must be metered into the water supply and pass through a mixing device (centrifugal pump or static mixer) to assure proper agitation before it is distributed into the drip irrigation line system. Do not allow treatment solution to puddle on the soil surface. If ponding, puddling or run-off occurs, then 1) discontinue application immediately, and 2) cover with soil to absorb.

**Step 3:** After application of Telone EC, continue to irrigate the area with sufficient untreated water to flush the mixture from the irrigation system. Do not allow Telone EC to remain in the irrigation system. Leave the soil undisturbed for at least 14 days. Then proceed with normal crop management activities.

### Special Use Precautions for Chemigation Application Equipment

- Apply this product only through drip irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.
- If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.
- Do not connect irrigation system used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- Do not apply this product through any other type of irrigation system except as described in this labeling.
- Only a person knowledgeable of the chemigation system and responsible for its operation, or a person under the supervision of the responsible person, shall operate the system and make necessary adjustments should the need arise.
- The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent back-flow contamination of the water source.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the chemical supply or injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, automatic valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain a functional inter-lock to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

- Injection systems must use a metering pump, such as a positive displacement injection pump or diaphragm pump, venturi system, or a pressure-safe cylinder containing Telone EC equipped with a metering valve and flow meter. This equipment must be constructed of materials that are compatible with Telone EC and capable of being fitted with a system interlock.
- Telone EC should be injected into the center of the irrigation water stream by using a suitable dip tube. This will prevent damage from undiluted fumigant contacting PVC pipe at the point of injection.

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R017-010

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