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Conserve* SC Turf and Ornamental

EPA Reg. No. 62719-291

Registration Notes:

Proposed Section 3 supplemental labeling for chemigation instructions on field grown gladiolus produced for cut flowers; field grown roses; field grown Dutch iris; and, field grown delphinium.

*Trademark of Dow AgroSciences LLC

ACCEPTED

AUG 2 2005

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 62719-291.

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Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Conserve* SC Turf and Ornamental

EPA Reg. No. 62719-291

Chemigation Instructions for Conserve SC

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 Conserve SC before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Conserve SC according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Conserve SC.

Directions for Use

Sprinkler Irrigation

Conserve* SC Turf and Ornamental insect control may be applied by sprinkler irrigation in the following crops: field grown gladiolus produced for cut flowers; field grown roses; field grown Dutch iris; and, field grown delphinium.

See the use instructions for specific crops for pests and application rates. Do not apply this product to the above listed crop(s) through any other type of irrigation system. Do not apply this product by chemigation to any other crop except as specified on Dow AgroSciences supplemental labeling.

Special Use Directions

The following use directions are to be followed when Conserve SC is applied through sprinkler irrigation systems. Thoroughly clean the injection system and tank of any fertilizer or chemical residues, and dispose of the residues according to state and federal laws. Flush the injector with soap and water. Determine the amount of insecticide needed to cover the desired acreage. Add the required amount of Conserve SC to the injection tank and start mechanical or hydraulic agitation. Continually agitate the mixture containing Conserve SC. Set the sprinkler system to deliver the desired inches of water per acre. Start the water pump and sprinkler and let the system achieve the desired pressure and speed before starting the injector. Start the injector that has been calibrated as indicated below. The mixture containing Conserve SC must be injected continuously and uniformly into the irrigation water line as the sprinkler is moving. This procedure is necessary to deliver the desired rate per acre in a uniform manner. When the application is finished, allow the entire irrigation and injector system to be thoroughly flushed clean before stopping the system.

General Chemigation Requirements

1. Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, micro sprinkler, or hand move. Do not apply this product through any other type of irrigation system.
2. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
3. If you have questions about calibration, you should contact state extension service specialists, equipment manufacturers, or other experts.
4. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.

5. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Specific Chemigation Requirements

1. The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow. Refer to the American Society of Agricultural Engineer's Engineering Practice 409 for more information.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated 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.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. 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.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. The metering pump must provide a greater pressure than that of the irrigation system at the point of injection. The pump must meet Section 675 for "Electrically Driven or Controlled Irrigation Machines" NEC 70.
7. Do not apply when wind speed favors drift beyond the intended treatment area. End guns must be turned off during the application, if they irrigate nontarget areas.

System Calibration and Application

1. To insure uniform mixing of the insecticide into the water line, inject the mixture through a nozzle placed in the fertilizer injection port or just ahead of an elbow or tee in the irrigation line so that the turbulence created at those points will assist in mixing. It is suggested that the injection point be higher than the insecticide tank to prevent siphoning.
2. The tank holding the insecticide mixture should be large enough to allow the system to complete a revolution with one filling. It should be clean and free of foreign material and equipped with an in-line strainer situated between the tank and the injector pump.
3. In order to calibrate the irrigation system and injector to apply the mixture containing Conserve SC, determine the following: 1) The number of acres to be irrigated; 2) Set the irrigation rate and determine the number of minutes required for the system to cover the intended treatment area; 3) Calculate the total gallons of insecticide mixture needed to cover the desired acreage. Divide the total gallons of insecticide mixture by the number of minutes required to cover the treatment area. This value is output that the injector must deliver in gallons per minute. Convert the gallons per minute to milliliters or ounces per minute (1 gallon = 3,784 ml). Calibrate the injector pump with the system in operation at the desired irrigation rate. Verify the system calibration before application and monitor during application.
5. Follow WPS reentry requirements for Conserve SC. (See Agricultural Use Requirements box in product label booklet.)
6. Do not apply through sprinkler systems that deliver a low coefficient of uniformity such as certain water drive units.

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