

TURF - INTERVAL OF APPLICATION: 21 DAYS - PYTHIUM DISEASES, YELLOW TUFT

General Information

DIRECTIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through sprinkler irrigation systems including microjet, drip, solid set and center pivot. Do not apply this product through any other type of irrigation system.

SPRAY PREPARATION: Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: First prepare a suspension of Chipco Signature in a mix tank. Fill tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount Chipco Signature, and then the remaining volume of water. Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of Chipco Signature into the irrigation water line so as to deliver the desired rate per acre. The suspension of Chipco Signature should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. If you should have any other questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: For Microjet and Drip Irrigation Systems: When treatment with Chipco Signature has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours. For Solid Set and Center Pivot Irrigation Systems: When treatment with Chipco Signature has been completed, further field irrigation over the treated area should be avoided until foliage is dry to prevent washing the chemical off the plants.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension.

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 backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. 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located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls 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, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. 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.

Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from nonuniform distribution of treated water. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.

General Information

This product may cause staining. Avoid off-target sites such as sidewalks, patios, driveways, pavers, or similar materials. Do not enter treated areas until spray has dried. Rinse spray equipment thoroughly with warm water and detergent.

TURF TANK MIXTURES

A Chipco Signature program encourages the development of a thick, vigorous turf stand that is better able to tolerate various stresses (heat, humidity, drying winds,

traffic etc) that can have a negative effect on turf health. A thick, vigorous Chipco Signature treated turf is better able to resist disease development and suppress the development of other pests such as weeds and algae.

Summer Decline: For control of Summer Decline caused by a complex of Pythium and Rhizoctonia diseases, Chipco Signature can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

Anthracnose: For improved control of anthracnose Chipco Signature can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application (repeated every 14 days) program must be started prior to the appearance of the disease and the conditions favorable to anthracnose.

Bentgrass Dead spot: For control of Bentgrass dead spot Chipco Signature can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application (repeated every 14 days) program must be started prior to the appearance of the disease and the conditions favorable for development of Bentgrass dead spot.

Limitations, Restrictions, and Exceptions

TURF

CHIPCO Signature is a systemic fungicide, which may be used, in a seasonal program for the control of Pythium diseases, such as blight and root rot, and yellow tuft on common turfgrasses on golf courses, sod farms and other commercial turf areas. Not intended for use on home lawns. Apply as a foliar spray, using 1 to 5 gallons of water per 1,000 sq. ft.. Apply with a properly calibrated sprayer.

Begin preventive applications when conditions first favor disease and repeat at recommended interval. Do not mow and/or water treated areas until foliage is completely dry. Maintain agitation during spray operations.

Method

[Foliar spray](#)

Restricted Entry Interval

12 hours

Timings

[When conditions favor disease development.](#)