ACTIVE INGREDIENT¹:
*Myrothecium verrucaria* strain AARC-0255
fermentation solids and solubles .......... 90% w/w
OTHER INGREDIENTS ......................... 10% w/w
TOTAL ....................................... 100% w/w
¹ “Non-viable”/“killed” microbial composition
POTENCY: 91,600 RKU
(Root-knot Units) per gram of product.
Potency units should not be used to adjust use rates.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See succeeding panel for First Aid, additional Precautionary Statements, Directions for Use and Storage/Disposal Statements.
EPA Reg. No. 73049-67
EPA Est. No. 33762-1A-001

Net Contents: 10 Pounds

Regrant:

**DiTera®**

Valent BioSciences LLC
870 Technology Way
Libertyville, IL 60048 U.S.A.
800-6-VALENT (682-5368)

DiTera® is a registered trademark of Valent BioSciences LLC.

Lot No.:
Agricultural Use Requirements

Use this product in conjunction with 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, documentation, notification, and emergency assistance. It also contains specific requirements for equipment and personal protective equipment. For complete statements on this label about personal protective equipment (PPE), and restricted entry intervals, please refer to the WPS as it applies to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). Do not allow entry of workers into treated areas for the time required for private entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated).

Personal Protective Equipment

Applicants and other handlers must wear:
- Long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.
- Frontline manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for wadables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Handling

Remove PPE immediately after handling this product. Wash the outside of the wadables. Change into clean clothing. Store wadables in a cool, dry place. Avoid extreme temperatures.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard, 40 CFR Part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep unsanitized persons out of treated areas until soil surface has dried.

Storage and Disposal

Do not contain water, food or feed by disposal or storage. Pesticide Storage: Keep containers tightly closed when not in use. Store in a cool, dry place. Do not contaminate water sources.

Pesticide Disposal: Wastes resulting from the product must be disposed of in an approved waste disposal facility. Do not contaminate waste water, surface water, or ground water sources.

Container Handling: Non-refillable container. Do not reuse or reﬁll this container. For proper disposal, immerse container in water. The container is suitable for recycling if available or dispose of empty bag in a sanitary landfill or for recycling if available or dispose of empty bag in a sanitary landfill or for recycling if available or combust according to local and/or federal regulations.

General Information

DiTera DF suppresses the following nematodes parasitizing food, fiber and ornamental crops: Meloidogyne spp., (root-knot nematodes), Heterodera and Globodera spp. (cyst nematodes), Pratylenchus spp. (lesion nematodes), Xiphinema and Anglolycus spp. (tobacco root nematodes), Longidorus spp. (nurse nematodes), Paratylenchus spp. (pin nematodes), Heterodera spp. (pin nematodes), Pratylenchus spp. (dagger nematodes), Belonolaimus spp. (sting nematodes), Criconemella spp. and related genera (ring nematodes), Tylenchorhynchus spp. (nurse nematodes), Pratylenchus spp. (nurse nematodes), Xiphinema spp. (dagger nematodes), Helicotylenchus spp. (spiral nematodes), Radopholus spp. (burrowing nematodes) and other plant parasitic nematodes.

Instructions

Application Directions

Dilute DiTera DF to the soil as a pre-plant, at planting or post-plant soil treat- ment on annual and perennial crops (refer to commodities listed in Table 1) alone, or mixed with water and the mixed suspension applied through drip or border irrigation systems. Best results will be obtained from pre-application treat- ments close to the actual planting times. The optimal application time may be determined based on the cultural practices, and the nematode population dy- namics. Apply DiTera DF at a rate of 0.25 g ai/ft.² of area. Place DiTera DF as close to young roots. Multiple application treatments may be carried out by crop with multiple flushes. DiTera DF must be applied to and incorporated into the soil. Incorpora- tion may be performed using tillage or irrigation. For soil applications made at planting, the action of some planters may provide adequate incorporation of DiTera DF into the soil. However, the user is responsible for the pe- rformance of all field mixing in the field. For drip irrigation applications, the DiTera DF must be thoroughly mixed with water before application to the soil, apply sufficient water to move DiTera DF into the soil within the root zone of the plant. Due to the nature of the active ingredient and the distribution of nematodes in agricultural soils, in-row or band applications may be suitable for adequate nematode control. When in-row applications are used, a corresponding rate must be calculated based on the actual surface area of soil to be treated (Refer to Conversion Table 3 for band applications). Use higher rates and/multiple applications in coarse (light) soils with less than 1% organic matter. Maximum benefits may not be realized in agricultural fields containing non- conducive planting or planting practices compared to other drip irrigation systems in fields with very high nematode infestations.

Application Directions

Apply DiTera DF (130 g ai/A) in water: soil applied spray, applied on- ground equipment with subsequent soil incorporation into the root zone, or using listed irrigation systems (refer to Chemigation Use Directions) with quantities of water sufficient to provide coverage of the root zone of the plant. The amount of water needed per acre will depend on the plant species, biology of the nematode species to be controlled, growth stage of crop, weather, soil moisture conditions, level of nematode infestation, etc. Do not allow treated water to come into contact with food or feed or apply to moist soil or spray equipment.

Chemigation Use Directions

Applying this product only through irrigation systems, such as reverse osmosis systems or dye delivery systems, is not recommended. When applying through irrigation systems, the product must be diluted in such a manner as to minimize the potential for drift to adjacent areas.

Chemigation Use Directions

1. Dilute DiTera DF to a rate of 130 g ai/A, in the form of a spray, for use in trickle irrigation systems. The use of waterless systems is recommended to prevent drift. A metering pump (e.g. positive displacement pump) must be used to prevent drift. The system must contain functional interlocks to automatically shut down the irrigation system if the pesticide injection pump should be shutted down. There shall be a complete physical break (air gap) between the system interlock pump and connected to the system interlock to prevent from being withdrawn from the system when the irrigation system is either automatically or manually shut down.

3. The system must contain functional interlocking controls to automatically shut down the irrigation system when the pesticide injection pump is not in use, or in cases where there is no water in the pump, when the water pressure decreases to the point where the pesticide distribution is adversely affected.

Chemigation Use Directions

Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic device of the database malfunction or a drop discharge or other price reduction equipment to prevent water contamination from backflow. The pesticide injection system must contain a functional, automatic, quick-closing check valve to prevent the flow of liquid from the irrigation system during maintenance or repair.

Chemigation Use Directions

1. The pesticide injection system must contain a functional, normalized closed, solenoid-operated valve located on the intake side of the irrigation pump and connected to the system interlock to prevent from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

2. The system must contain functional interlocking controls to automatically shut down the irrigation system when the pesticide injection pump is not in use, or in cases where there is no water in the pump, when the water pressure decreases to the point where the pesticide distribution is adversely affected.

Chemigation Use Directions

1. Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic device of the database malfunction or a drop discharge or other price reduction equipment to prevent water contamination from backflow.

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4. Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic device of the database malfunction or a drop discharge or other price reduction equipment to prevent water contamination from backflow.
MIXING AND APPLICATION INSTRUCTIONS
To ensure complete mixing of DiTera DF, use application equipment having an agitation system.
A thoroughly mixed, DiTera DF suspension can be applied through irrigation systems described under Chemigation Use Directions, so as to treat the soil around the crop root zone. Use the material immediately after mixing in order to avoid settling. DiTera DF must be applied as a dedicated irrigation between normal irrigations or at the end of a scheduled irrigation. To minimize excessive dilution or leaching of product from root zone, DiTera DF must be applied in the highest concentration over the shortest time span possible.

Pre-mix product in a mix tank having both mechanical and by-pass agitation. Fill tank with 1/2 to 3/4 of the determined amount of water. Start mechanical and hydraulic systems to provide maximum agitation. Add an agricultural wetting agent prior to adding DiTera DF. Add 1/3 to 1/2 of DiTera DF and allow mixing until thoroughly suspended. Add the remaining product slowly while bringing water to the determined volume. Continue agitation. If a concentration greater than 1 lb. DiTera DF per 2 gallons of water is to be used, the material should be added in smaller increments with sufficient agitation following each addition. To avoid excessive leaching of product beyond the root zone, flush irrigation lines for the minimum time period at the end of the application. Do not mix more DiTera DF than can be used in a 24-hour period. Rinse and flush chemigation equipment thoroughly following each use. Use a strainer no finer than 50 mesh in conventional chemigation systems.

NOTE TO USER
To the fullest extent permitted by law, the seller makes no warranty, express or implied, of the merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risk of use, storage or handling not in strict accordance with accompanying directions.