Active Ingredient(1):
Microthecium 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.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION
Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.
Wash thoroughly with soap and water after handling and before eating,
drinking, chewing gum, using tobacco or using the toilet.
See product label for First Aid, Precautionary Statements, Storage/Disposal
Statements and Directions for Use.

DiTera is a registered trademark of Valent BioSciences Corporation.
AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with their 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, decontamination, notification, and emergency assistance. It also contains specific requirements for the labeling of pesticide containers and includes requirements concerning statements on this label about personal protective equipment (PPE), and restricted entry times.

The Worker Protection Standard applies only 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) of the pesticide.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard applies only to the areas under the soil layer that the handler entered the treated area if there will be no contact with anything that has been treated.

The REI for soil injection or soil incorporation is 6 hours.

The following personal protective equipment (PPE) is required for entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, in treated areas:

• Gloves.
• Respirators.
• Coveralls.
• Long-sleeved shirt and long pants.
• Waterproof gloves.
• Shoes plus socks.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions are available:

• Take off contaminated clothing and shoes.
• Take off skin protection, if any, with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

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. Use this product in compliance with the crop directions on the product label.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Keep containers tightly closed when not in use. Store in a cool, dry place. Rinse containers before discarding them.

Pesticide Disposal: Wastage resulting from the use of this product must be disposed of on site or in an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

Container Handling: Non-refillable containers. Do not reuse or refill this container or place it in the trash. Container must be disposed of through a recycler for acceptable recovery or if disposable of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burial. If not recycled, store it out of the reach of children.

ENVIRONMENTAL HAZARDS

For terrestrial uses:

Do not apply directly to water or to areas where water surface is present or to portions thereof, during the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwater.

This pesticide is toxic to fish and aquatic invertebrates.

APPLICATIONS

A. Use DiTera DF as 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) or soil, or mixed with water and the mixed suspension applied through drip or border irrigation systems. Best results will be obtained from Pre-plant applications close to the actual planting times. The optimal application time must be determined based on the cultural practices, and the nematode population dynamics of the area. The nematode population in root zone of the treated area should affect young roots. Multiple applications may be needed with crops with multiple flushes. DiTera DF must be applied to and incorporated into the soil. Incorporation may be complete after application or partial incorporation or incomplete incorporation of DiTera DF into the soil. The equipment designed for incorporation may be the same equipment used for application. The equipment after application to the soil, apply sufficient water to move the DiTera DF into the soil within the root zone of the plants.

B. Due to the nature of the active ingredient and the distribution of nematodes in agricultural soils, in-row or band application may be suitable for adequate nematode suppression. DiTera DF is recommended for use in-row, or side-drip irrigation systems. Corresponding rates need to be calculated based on the actual surface area of soil to be treated (Refer to conversion Table 2 for band applications). Use higher rates or additional applications in coarse (light) soils with less than 1% organic matter. Maximum benefits may not be realized in agricultural fields containing non- degradable plastic film or other mulches. DiTera DF is not recommended for use in fields with very high nematode infestations.

C. Apply DiTera DF to the soil as a soil applied spray, soil 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 plants.

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 move to surface. Do not apply to mist sprayers or aerial spray equipment.

COMPATIBILITY

The DiTera DF application directions refer to the use of the pesticide alone. Data concerning the compatibility of DiTera DF with other agricultural or nonagricultural products are not available. Valant does not assume responsibility for unanticipated, adverse effects of mixtures of this product with other agricultural or insecticides applications with DiTera DF with other agricultural products including fertilizers.

CHEMIGATION USE DIRECTIONS

Apply this product only through a registered pesticide injection pump (e.g. diaphragm pump) designed to be used with pesticides. For pesticide injection systems, refer to the pesticide label for GUIDELINES FOR USE. Follow the pesticide label and any guidelines in the referenced pesticide label for the use of this product. DiTera DF may be mixed with other registered pesticides used for chemigation, but this product must be identified as the pesticide in the mixture. DiTera DF must be applied to the soil as a pre-plant, at planting, or post-plant soil treatment on annual and perennial crops (refer to commodities listed in Table 1) or soil, or mixed with water and the mixed suspension applied through drip or border irrigation systems. Best results will be obtained from Pre-plant applications close to the actual planting times. The optimal application time must be determined based on the cultural practices, and the nematode population dynamics of the area. The nematode population in root zone of the treated area should affect young roots. Multiple applications may be needed with crops with multiple flushes. DiTera DF must be applied to and incorporated into the soil. Incorporation may be complete after application or partial incorporation or incomplete incorporation of DiTera DF into the soil. The equipment designed for incorporation may be the same equipment used for application. The equipment after application to the soil, apply sufficient water to move the DiTera DF into the soil within the root zone of the plants.

Since DiTera DF is a nematicide, it is not expected to be affected by the type of irrigation system used. However, in cases where there is no water pump, when the water pressure decreases significantly or if the water contains substances that may affect the distribution of pesticides, it is advisable to consider a mechanical interlock to prevent the pesticide from being introduced into the system when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically manifold the pesticide injection pump into the water delivery system, or in cases where there is no water pump, when the water pressure decreases significantly or if the water contains substances that may affect the distribution of pesticides, it is advisable to consider a mechanical interlock to prevent the pesticide from being introduced into the system when the irrigation system is either automatically or manually shut down.

The system must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials resistant to pesticides and capable of being fitted with a system interlock.

CHEMICATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water systems are systems for the provision to the public of piped water for human consumption such as system has at least 15 service connections or regularly serves an average of at least 25 individuals daily or at least 60 days out of the year. Chemigation systems connected to public water systems must contain a function that physically prevents the introduction of pesticide into the public water supply system. The function must be a physical or func- tional equivalent in the water supply line upstream from the point of pesticide introduction of a water treatment system designed to meet all requirements of the public water supply system. The function should be discharged into a receivers tank prior to pesticide introduction. There shall be a complete shutdown of the pump and then the cutoff of the line and the pump and the flow and the top or overflow rim of the receiver tank at least twice the inside diameter of the pipe.

The system 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 contain a functional, normally closed, solenoid-operated valve and a system interlock connected to the system interlock to prevent fluid from being withdrawn from the supply line when the irrigation system is either automatically or manually shut down.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials resistant to pesticides and capable of being fitted with a system interlock.
MIXING AND APPLICATION INSTRUCTIONS
To ensure complete mixing of DiTera DF, use application equipment having an agitator 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 equipment to avoid settling. DiTera DF must be applied as a dedicated irrigation treatment around the crop root zone. Use the material immediately after mixing in or near the root zone, flush irrigation lines for the minimum time period at the end of the application. To avoid excessive leaching of product beyond the root zone, flush irrigation lines for the minimum time period at the end of the application.

TABLE 1: DiTera DF CROP GROUPS NEMATODE

<table>
<thead>
<tr>
<th>NEMATODES</th>
<th>APPLICATION RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Root-knot</td>
<td>142 gm/1000 sq ft (5 oz/1000 sq ft)</td>
</tr>
<tr>
<td>Lesion</td>
<td>2.4 lbs/1000 sq ft (8.4 oz/cu ft 1.09 kg/m 2)</td>
</tr>
<tr>
<td>Root</td>
<td>6.0 lbs/1000 sq ft (2.4 lbs/cu ft 1000 sq ft)</td>
</tr>
</tbody>
</table>

BERRY GROUPS such as grape, kiwifruit, blackberry*, raspberry*, blueberry*, strawberry*, cranberry*

STRAWBERRY GROUPS such as cucumber* melon*, squash*

FLOWERING, BEDDING PLANTS, ORNAMENTALS such as fern and other plant parasitic nematodes

Table 2: DiTera DF - APPLICATION RATE

<table>
<thead>
<tr>
<th>Row Band</th>
<th>Width (inches)</th>
<th>Pounds of DiTera DF per 1,000 Linear Feet of Row</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>60</td>
<td>0.31 lbs/1000 sq ft</td>
</tr>
<tr>
<td>14</td>
<td>48</td>
<td>0.6 lbs/1000 sq ft</td>
</tr>
<tr>
<td>18</td>
<td>30</td>
<td>0.9 lbs/1000 sq ft</td>
</tr>
<tr>
<td>24</td>
<td>24</td>
<td>1.2 lbs/1000 sq ft</td>
</tr>
<tr>
<td>30</td>
<td>18</td>
<td>1.5 lbs/1000 sq ft</td>
</tr>
<tr>
<td>36</td>
<td>12</td>
<td>1.8 lbs/1000 sq ft</td>
</tr>
<tr>
<td>48</td>
<td>6</td>
<td>2.4 lbs/1000 sq ft</td>
</tr>
<tr>
<td>60</td>
<td>4</td>
<td>3.0 lbs/1000 sq ft</td>
</tr>
</tbody>
</table>

NOTE: For application rates on linear feet of banded application, one package will treat from 32,000 feet of 12 inch wide row at the low use rate, to 1000 feet of 48 inch wide row at the high use rate. See Table 2 for various bandwidth rates per 1000 linear feet.

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.

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DiTera® is a registered trademark of Valent BioSciences Corporation.
DiTera® DF
BIOLOGICAL NEMATICIDE
DRIY FLOWABLE

ACTIVE INGREDIENT:
Myrothecium verrucaria strain AARC-0255
fermentation solids and solubles ........... 90% w/w
OTHER INGREDIENTS .................. 10% w/w
TOTAL ...................................... 100% w/w

"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-IA-001

Net Contents: 10 Pounds

Registrant:

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

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Lot No.: