



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7501W)
401 M Street, S.W.
Washington, DC 20460

EPA Reg. Number:

275-133

Date of Issuance:

MAY - 1 1997

NOTICE OF PESTICIDE:

X
Registration

 Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

DiTera G Biological Nematicide Granule

Name and Address of Registrant (include ZIP Code):

Abbott Laboratories
Chemical and Agricultural Products Division
1401 Sheridan Road
North Chicago, IL 60064

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and /or cite all data required for registration/reregistration of your product under FIFRA Sec.3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Sec.4.

2. Revise the EPA Registration Number to read, "EPA Reg. No. 275-133

3. Submit three(3) copies of the revised final printed label for the record.

Sincerely,

Janet L. Andersen
Janet L. Andersen, Director
Biopesticides and Pollution Prevention Division

Signature of Approving Official:

Janet L. Andersen

Date:

5/1/97

**DiTera G
BIOLOGICAL NEMATICIDE
GRANULE**

ACTIVE INGREDIENT (1):

ABG-9008 Technical Powder Containing Dried Fermentation
Solids and Solubles of *Myrothecium verrucaria* *
strain AARC-0255.....95% w/w
 INERT INGREDIENTS.....5% w/w
 TOTAL.....100% w/w
 (1) "Non-viable"/"killed" microbial composition
 *U.S. Patent No. 5,051,255

POTENCY:
 59,375 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

EPA Reg. No. 275-
 EPA Est. No.

Abbott Laboratories
 Chemical and Agricultural Products Division
 1401 Sheridan Road
 North Chicago, IL 60064

ACCEPTED
 MAY 1 1997
 Under the Federal Insecticides,
 Fungicides, and Rodenticides Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 275-153

96 NOV 26 P 1:01

RECD EPA/CPP/DPD1

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)
CAUTION**

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment

Applicators and other handlers must wear:

- * Long-sleeved shirt and long pants.
- * Waterproof gloves.
- * Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations
 Users should:
 -Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE

Do not apply this product through any type of irrigation system.

It is a violation to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulations.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its 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 instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry intervals. The requirements in this box only apply 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 4 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard under certain circumstances allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to 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 is:

- * Coveralls.
- * Waterproof gloves.
- * Shoes plus socks

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 for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries.

Keep unprotected persons out of treated areas until sprays have dried.

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep containers tightly closed when not in use. Store in a cool, dry place. Avoid extreme temperatures.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water when disposing of equipment washwaters.

Container Disposal:

Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Paper and Plastic Bags - Completely empty bag into applicable equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

DiTera G suppresses the following plant nematodes parasitizing food, fiber and ornamental crops: *Meloidogyne* spp. (root-knot nematodes), *Heterodera* and *Globodera* spp. (cyst nematodes), *Pratylenchus* spp. (lesion nematodes), *Tylenchulus semipenetrans* (citrus nematode), *Trichodorus* spp. (stubby-root nematodes), *Longidorus* spp. (needle nematodes), *Paratylenchus* spp. (pin nematodes), *Rotylenchulus* spp. (reniform nematodes), *Xiphinema* spp. (dagger nematodes), *Belonolaimus* spp. (sting nematodes), *Criconemoides* spp., *Criconemella* spp. and related genera (ring nematodes), *Tylenchorhynchus* spp. (stunt nematodes), *Hoplolaimus* spp. (lance nematodes), *Rotylenchus* spp.,

Helicotylenchus spp. (spiral nematodes), *Radopholus* spp. (burrowing nematodes) and other plant parasitic nematodes.

GENERAL INSTRUCTIONS

DiTera G may be applied to the soil as a pre-plant, at planting or post-plant treatment on annual and perennial crops using ground equipment. Pre-plant applications should preferably be close to the actual planting times. The optimal application time should be determined based on the cultural practices and the nematode population dynamics. Multiple applications may be required for crops with multiple root flushes. DiTera G must be incorporated into the soil for optimum results. Incorporation may be accomplished by mechanical equipment, irrigation or rainfall. For applications made at planting, the action of some planters may provide sufficient incorporation. When using planters which do not provide adequate incorporation of DiTera G into the soil, equipment designed for incorporation may be used behind the planter.

The rates provided are for broadcast applications. 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. If banding or side-dressing, the corresponding rates need to be calculated based on the actual surface area of soil to be treated (Refer to conversion table for band applications). Use of the higher rates and/or multiple applications may be required in coarse (light) soils with less than 1% organic matter. Maximum benefits may not be realized in agricultural fields containing non-decomposed plant materials, including infected roots from a previous crop, or in fields with very high nematode infestations.

COMPATIBILITY

The DiTera G application directions refer to the use of the product alone. Data concerning the compatibility of DiTera G with other agricultural products are not available. Abbott Laboratories does not assume responsibility for unexpected, adverse results due to the mixing or simultaneous applications of DiTera G with other agricultural products including fertilizers.

CROP GROUPS/REPRESENTATIVE COMMODITIES	NEMATODE	BROADCAST*RATE (pounds/acre/appl)
<u>BERRIES</u> such as blackberry, raspberry, blueberry	Burrowing	13-100
<u>CITRUS FRUITS</u> such as sweet orange, lemon, grapefruit	Citrus	
<u>CURCUBIT VEGETABLES</u> such as cucumber, melon, squash	Cyst	
<u>FLOWERING, BEDDING PLANTS, ORNAMENTALS</u>	Dagger	
<u>FRUITING VEGETABLES</u> such as eggplant pepper, tomato	Lance	
<u>HERBS AND SPICES</u> such as basil, black pepper, chive, celery seed, dill seed	Lesion	
<u>LEAFY VEGETABLES AND COLE CROPS</u> such as celery, head & leaf lettuce, spinach, broccoli, cabbage	Needle	
<u>LEGUME VEGETABLES</u> such as bean, pea, soybean	Pin	
<u>POME FRUITS</u> such as apple, pear	Reniform	
<u>ROOT AND TUBER VEGETABLES</u> such as carrot, potato, radish, sugar beet	Ring	
<u>STONE FRUITS</u> such as peach, plum, prune	Spiral	
<u>TREE NUTS</u> such as almond, pecan, walnut	Root-knot	
<u>MISCELLANEOUS CROPS:</u> asparagus, avocado, banana, cotton, cranberry, date, fig, globe artichoke, hop, kiwi fruit, mango, mushroom, papaya, pawpaw, peanut, persimmon, pineapple, strawberry, tobacco, turf, water chestnut	Sting	
	Stubby-root	
	Stunt	

*Refer to accompanying table for band application rates.

DiTera G

CONVERSION TABLE FOR BAND APPLICATIONS

Band Width Inches	Pounds of DiTera per 1,000 Feet of Row at Equivalent Broadcast Rate of Indicted Pounds per acre			
	Equivalent broadcast rate per acre			
	<u>13</u>	<u>25</u>	<u>50</u>	<u>100</u>
12	0.31	0.60	1.2	2.4
18	0.47	0.91	1.8	3.6
24	0.63	1.20	2.4	4.8
30	0.79	1.51	3.0	6.0
36	0.94	1.82	3.6	7.2
48	1.26	2.40	4.8	9.6
60	1.58	3.0	6.0	12.0

NOTICE TO USER

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 risks of use, storage or handling not in strict accordance with accompanying directions.

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