



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
228-454

Date of Issuance:
AUG 29 2005

Term of Issuance: Conditional

Name of Pesticide Product:
Menace Nursery Granular
Insecticide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
Nufarm Americas, Inc
1333 Burr Ridge Parkway Suite 125A
Burr Ridge, IL 60527

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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that 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 you product under FIFRA section 4.
2. **Make the following labeling changes:**
 - a) Revise the EPA Registration Number to read "EPA Reg. No.228-454"
 - b) Delete the section for "Herb Use" these uses are not on the me-too product.
3. Please submit two (2) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Signature of Approving Official:
BeWanda Alexander for
George T. LaRocca, Product Manager (13), IB/RD (7505C)

Date:
Aug 29, 2005

~~CONFIDENTIAL~~

a/s

MENACE™

NURSERY GRANULAR

INSECTICIDE

FOR AGRICULTURAL OR COMMERCIAL USE ONLY
FOR USE AS A QUARANTINE TREATMENT AGAINST IMPORTED FIRE ANTS AND FOR
BALLED AND CONTAINERIZED NURSERY STOCKS.

| | |
|--------------------------|-----------|
| ACTIVE INGREDIENT: | By Weight |
| Bifenthrin* | 0.2% |
| OTHER INGREDIENTS: | 99.8% |
| TOTAL | 100.0% |

*Cis isomers 97% minimum, trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN

CAUTION

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228
EPA EST. NO. 228-IL-1

MANUFACTURED BY
NUFARM AMERICAS INC.
BURR RIDGE, IL 60527-0866



NET CONTENTS LBS.

000228-00000.20050606.

ACCEPTED
with COMMENTS
In EPA Letter Dated
AUG 29 2005

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
228-454

3/5

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves made of any waterproof material.
- Shoes and 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.

| FIRST AID | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IF ON SKIN OR CLOTHING | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information. | |
| NOTE TO PHYSICIAN | |
| This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided. | |

| USER SAFETY RECOMMENDATIONS |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Users Should:</p> <ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. |

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. 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 apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal Law 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 regulation.

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 interval. 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 to treated areas during the restricted entry interval (REI) of 12 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,
- Chemical-resistant gloves made of any waterproof material,
- Shoes and socks.

ORNAMENTAL USE

(For soil incorporation into potting media used in containerized plantings of ornamental trees, shrubs, plants, flowers, conifers, Christmas trees, and nonbearing fruit and nut trees, and bushes.)

HERB USE

For soil incorporation into potting media used in containerized plantings of the following herbs: Angelica; balm; basil; borage; burnet; camomile; catnip; chervil; chive; chive, chinese; cilantro (leaf); clary; coriander (leaf); costmary; curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marjoram; nasturtium; parsley; pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay; tarragon; thyme; wintergreen; woodstuff; and wormwood. Minimum preshipment interval is 70 days for herbs listed above.

APPLICATION INSTRUCTIONS FOR POTTING MEDIA: Determine bulk density of the potting media by measuring the dry weight of a unit volume of the mix. Based on the length of control required, thoroughly mix the appropriate quantity of this product with equipment suitable to give uniform distribution in the potting media. This product may be pre-mixed with an appropriate amount of sand (1:10) to ensure adequate distribution of the product of the mix.

Menace[™] Nursery Granular is approved under the USDA Plant Protection Imported Fire Ant Quarantine Certification program when used in accordance with USDA guidelines. Use the recommended application rates given in the table below to determine the length of control required for certification.

| Pest | USDA IFA Certification Period (mo) | App. Rate (ppm) | Potting Media Bulk Density* | | | | |
|-------------------|------------------------------------|-----------------|-----------------------------------------------|------|-----|------|-----|
| | | | (lbs. Menace Nursery Granular Per Cubic Yard) | | | | |
| | | | 200 | 300 | 400 | 500 | 600 |
| Imported Fire Ant | 0-6 | 10 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 |
| | 7-12 | 12 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 |
| | 13-24 | 15 | 1.5 | 2.25 | 3.0 | 3.75 | 4.5 |
| | Continuous | 25 | 2.5 | 3.75 | 5.0 | 6.25 | 7.5 |

Comments: Incorporate appropriate amount of Menace Nursery Granular in one cubic yard of potting media based on the known bulk density.

FOR GENERAL USE ON ORNAMENTAL PLANTS OUTSIDE THE SCOPE OF USDA GUIDELINES

For Fungus Gnat larvae & Mealybugs use 5 to 10 ppm. For Black Vine Weevil larvae, Root Weevil larvae, White Grubs (including Japanese Beetle, oriental beetle and European chafer larvae), & Imported Fire Ants use 10 to 25 ppm. Use the higher rates for extended residual control.

| Pest | App. Rate (ppm) | Potting Media Bulk Density* (lbs. Menace Nursery Granular Per Cubic Yard) | | | | |
|--------------------|-----------------|------------------------------------------------------------------------------|------|-----|------|-----|
| | | 200 | 300 | 400 | 500 | 600 |
| Fungus Gnat Larvae | 5 | 0.5 | 0.75 | 1.0 | 1.25 | 1.5 |
| Mealybugs | 10 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 |
| Black Vine Weevil | 10 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 |
| Root Weevil Larvae | 15 | 1.5 | 2.25 | 3.0 | 3.75 | 4.5 |
| White Grubs | 25 | 2.5 | 3.75 | 5.0 | 6.25 | 7.5 |
| Imported Fire Ants | | | | | | |

Comments: Incorporate appropriate amount of Menace Nursery Granular in one cubic yard of potting media based on the known bulk density.

*Pounds of Menace Nursery Granular per cubic yard

$$= \frac{\text{bulk density of potting media} \times \text{ppm}}{2000}$$

2000

(bulk density = laboratory determined dry weight of a unit volume of potting media.)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call Chemtrec 1-800-424-9300. To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Paper and plastic bags: Completely empty bag into application 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.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of Nufarm or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Nufarm and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. NUFARM MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or Nufarm, and buyer assumes the risk of any such use.

To the extent allowed by law, Nufarm or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF NUFARM AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR AT THE ELECTION OF NUFARM OR SELLER, THE REPLACEMENT OF PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

(NEW)

Menace is a Trademark of Nufarm Americas Inc.