



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Morris Gaskins  
Micro Flo Company  
P.O. Box 772099  
Memphis, TN 38117-2099

NOV 12 1999

Subject: Slug N Snail Plus  
EPA Registration No. 51036-225  
Amendment dated October 22, 1999  
Label amendments as per the GDE dated August 6, 1999.

Dear Mr. Gaskins:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the labeling changes indicated below before you release the product for shipment bearing the amended labeling:

1. On the first page place a comma between the words "Grasshoppers" and "Armyworms".
2. On the first page you must delete the sentence "May be used up to harvest".
3. On page 4 under the heading "Around Fruits And Vegetables" you must delete the statement "May be used up to harvest unless specified otherwise in individual directions for use". This may be replaced by a statement similar to "Observe preharvest intervals specified in individual crop directions for use".
4. Since this product is a granular formulation, you must delete the crop headings "FRUIT AND NUT TREES" and "SMALL FRUITS" and the corresponding crops under these headings. These crops are not being supported for bait and granular formulations of carbaryl as specified in the GDE.

Submit two copies of your final printed labeling with the corrections specified above before you release the product for shipment. A copy of the labeling stamped "Accepted With Comments" is enclosed for your records. If you have any questions concerning this letter, please contact me at (703) 308-9397.

Sincerely,

*George Tompkins*

George Tompkins, Ph.D., Entomologist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

NOV 12 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
51036-225

- Can Be Used Around Fruits & Vegetables

Active Ingredients	By Wt.
Carbaryl (1-Naphthyl N-methylcarbamate) .....	5.00
Metaldehyde (2,4,6,8-tetramethyl- 1,3,5,7-tetraoxycyclo-octane) .....	0.13
Inert Ingredients .....	<u>94.87</u>
TOTAL: .....	100.00%

SEVIN is the registered trademark of Rhone-Poulenc for carbaryl insecticide.

CAUTION

KEEP OUT OF REACH OF CHILDREN

THIS PESTICIDE MAY BE FATAL TO DOGS OR OTHER PETS IF EATEN. KEEP  
PETS OUT OF TREATED AREA.

## N-Methyl Carbamate

IF SWALLOWED: DO NOT make person vomit unless directed to do so by a doctor. Immediately take person and container to a doctor or an emergency hospital. If this is not possible, telephone for medical advice.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Remove person from exposure area.

This product is an N-methyl carbamate acid ester that inhibits cholinesterase.

EPA Reg. No. 51036-225

EPA Est. No. 51036-GA-1

Manufactured By:  
MICRO FLO CO.  
P.O. BOX 772099  
MEMPHIS, TN 38117

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Causes eye irritation. May be harmful if swallowed. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Keep out of reach of children and domestic animals.

Note To Physicians: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal.

IMPORTANT: KEEP GRANULES AWAY FROM CHILDREN, DOGS AND PETS. BAIT MAY BE ATTRACTIVE TO DOGS, CONFINE PETS DURING APPLICATION TO PREVENT THEM FROM BELIEVING THEY ARE BEING FED. USE AND STORE UNDER CONDITIONS WHERE THERE WILL NOT BE A HAZARD.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and 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:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates and toxic to birds and other wildlife. 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 when disposing of equipment washwaters. This pesticide may be fatal to dogs or other pets if eaten. Keep out of treated area.

## STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL - Partially filled carton may be disposed of by securely wrapping original container in several layers of newspaper and discard on trash.

CONTAINER - Do not reuse carton. Discard carton in trash.

## 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 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 12 hours.

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:

1. Coveralls
2. Waterproof gloves
3. 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, or greenhouses.

Keep children, pets and other unprotected persons out of treated areas until dusts have settled.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

HOW TO USE: If ground is dry, water area to be treated thoroughly. While wearing protective gloves, scatter the product on the ground. DO NOT PUT PRODUCT IN PILES. Apply a maximum of 1 lb. of product to each 2,000 sq. ft.

NOTE: DO NOT APPLY TO FOLIAGE OR OTHER PLANT PARTS.

Always sprinkle lightly with water after application to moisten granules and make them more attractive to snails, slugs and the other listed pests. Withhold heavy watering for at least 2 days after treatment.

Prior to spring planting, bait areas to prevent damage to transplants or seedlings. Repeat treatment every two weeks or as needed. During periods of high rainfall or frequent irrigation, repeat treatments may be needed more frequently. Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

TO CONTROL SLUGS, SNAILS, CUTWORMS, ARMYWORMS, EARWIGS, SOWBUGS, CRICKETS, MILLIPEDES, PILLBUGS, ANTS, GRASSHOPPERS IN ORNAMENTAL GARDENS, PLANTED BORDERS, DICHONDRA, GRASS LAWNS, TURF AND GROUND COVERS:

Apply a maximum of 1 lb. per 2,000 sq. ft. by scattering directly from container or by using a spreader.

## AROUND FRUITS AND VEGETABLES:

1 lb. treats 2,000 sq. ft. (40'x50') of garden area. Distribute granules around listed fruits and vegetables. Do not contaminate edible parts.

May be used up to harvest unless specified otherwise in individual directions for use.

# VEGETABLES

Beans, Fresh and Dried (snap, navy and kidney)

Peas, Fresh and Dried:

Maximum seasonal application rate - 5 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 3 days (succulents), 21 days (dried), 14 days (forage), 21 days (hay).

Garden Beets (roots), Carrots, Horseradish, Radish, Parsnip, Rutabaga, Turnips (roots):

Maximum seasonal application rate - 5 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 7 days.

Brussels sprouts, Broccoli, Cabbage, Cauliflower, Collards, Kale:

Maximum seasonal application rate - 5 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 3 days for brussels sprouts, broccoli, cabbage and cauliflower. 14 days for kale and collards.

Potato:

Maximum seasonal application rate - 5 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 7 days.

Corn (Sweet only):

Maximum seasonal application rate - 14 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 3 days.

Pre-Harvest Interval - 2 days (ears), 14 days (forage), 48 days (fodder).

Cucumbers, Melons, Squash, Okra:

Maximum seasonal application rate - 5 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 3 days.

Lettuce (head and leaf), Parsley, Spinach, Swiss Chard, Garden Beets (tops), Turnip (tops), Endive:

Maximum seasonal application rate - 5 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 14 days.

Tomato, Pepper, Eggplant:

Maximum seasonal application rate - 7 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 3 days.

## FRUIT AND NUT TREES

Almonds, Apples, Cherries, Citrus, Pecans, Peaches, Plums, Walnuts, Nectarines

SMALL FRUITS

Grapes, Berries (Blackberries, Blueberries, Boysenberries, Dewberries, Loganberries)

Strawberries:

Maximum seasonal application rate - 9 lbs./2,000 sq.ft./crop.

Minimum retreatment interval - 7 days.

Pre-Harvest Interval - 7 days.

MICRO FLO WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. 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 WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MICRO FLO. IN NO CASE SHALL MICRO FLO BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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