



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

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

NOV 12 1999

Subject: Carbait 10%
EPA Registration No. 51036-286
Amendment dated August 24, 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 page 4 under the crop beans the maximum application rate per acre per application must be changed to 15 lbs of product since a maximum of 1.5 lbs ai/acre/application is specified.
2. On page 6 under the crop sugar beets the maximum rate per acre per application must be changed to 15 pounds for the same reason as 1 above.
3. You must delete the crops **Alfalfa** and **Peanuts** from this label since these crops are no longer supported for bait or granular formulations of carbaryl.

Submit two copies of your final printed labeling 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)

ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV 12 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
51036-286

CARBAIT 10%

Contains Carbaryl Insecticide
N-METHYL CARBAMATE

INSECTICIDAL BAIT FOR THE CONTROL OF INSECT PESTS

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-methylcarbamate)	10.0%
INERT INGREDIENTS:	90.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT N-Methyl Carbamate

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush eyes for at least 15 minutes with water. Call physician if irritation persists.

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

NOTE TO PHYSICIAN: This product is an N-methyl carbamate that inhibits cholinesterase. Atropine is antidotal.

See elsewhere on label for Additional Precautionary Statements

EPA Reg. No. 51036-286

EPA Est. No. 51036-GA-1

Manufactured By:
MICRO FLO COMPANY
P.O. Box 771099
MEMPHIS, TN 38117

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing dust, vapor, or spray mist. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks
4. Chemical-resistant headgear for overhead exposure

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:

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.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic and estuarine 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. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes.

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
4. Chemical-resistant headgear for overhead exposure

NON-AGRICULTURAL USE REQUIREMENT

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 treated area is dry.

CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in original container only. Keep in locked cabinet out of reach of children and animals. Store in a cool, dry place.

(In case of spill, remove spillage with an industrial type vacuum cleaner and wash area with household bleach).

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: Do not reuse empty bag. 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.

APPLICATIONS

Broadcast applications may be made with either ground equipment or aircraft. Treatments may be repeated as necessary. Dosages from 10 to 10 pounds per acre of CARBAIT 10% will control Cutworms, Armyworms, Crickets, Darkling Ground Beetles, Grasshoppers, Mole Crickets and Sowbugs.

CROP	MINIMUM TIME FROM APPLICATION TO HARVEST OR FORAGE (PHI)	MAXIMUM RATE PER ACRE PER APPLICATION	MAXIMUM LBS ai/ ACRE/ CROP*	MAXIMUM APPLICATIONS PER CROP	RETREATMENT INTERVAL
Alfalfa	7 days	15 lbs	-	-	-
Asparagus (spears)	1 day	20 lbs	6	3	3
Asparagus (ferns)		20 lbs	4	2	7
Beans, fresh & dried (snap, navy & kidney) (Including forage and hay)	3 days (succulent) 21 days (dried, hay) 14 days (forage)	20 lbs	6	-	7 days
Pea, fresh & dried		15 lbs	6	-	7 days
Broccoli, Brussels sprouts, Cauliflower, Cabbage,	3 days	20 lbs	6	4	7 days

CROP	MINIMUM TIME FROM APPLICATION TO HARVEST OR FORAGE (PHI)	MAXIMUM RATE PER ACRE PER APPLICATION	MAXIMUM LBS ai/ ACRE/ CROP*	MAXIMUM APPLICATIONS PER CROP	RETREATMENT INTERVAL
Garden beet greens, Collards, Endive, Kale, Lettuce (head & leaf), Parsley, Spinach, Swiss Chard, Turnips (tops)	15 days	20 lbs	6	5	7 days
Garden beet roots, Carrots, Horseradish, Parsnips, Radishes, Rutabaga roots, Turnip roots	7 days	20 lbs	6	6	7 days
Corn (Sweet, Seed)	2 days (ears) 14 days (forage) 48 days (fodder)	20 lbs	16	-	3 days
Corn (Field, Pop)	14 days (forage, silage) 48 days (grain, fodder)	20 lbs	8	-	14 days
Cucurbits (Cucumbers and Squash)	3 days	10 lbs	6	-	7 days
Eggplants, Peppers, Tomatoes	3 days	20 lbs	8	7	7 days
Melons (Cantaloupe, Casaba, Crenshaw, Honeydew, Muskmelon,	3 days	10 lbs	6	-	7 days

CROP	MINIMUM TIME FROM APPLICATION TO HARVEST OR FORAGE (PHI)	MAXIMUM RATE PER ACRE PER APPLICATION	MAXIMUM LBS ai/ ACRE/ CROP*	MAXIMUM APPLICATIONS PER CROP	RETREATMENT INTERVAL
Watermelon)					
Peanuts (including hay)	14 days	10 lbs	-	-	-
Potatoes, White/Irish	7 days	20 lbs	6	6	7 days
Strawberries	7 days	20 lbs	10	-	7
Sugar beets (roots, forage)	28 days	20 lbs	3	-	14 days

*. The maximum pounds of a.i. per acre per application must include all products containing carbaryl applied to the crop.

LAWNS, TURF, ORNAMENTAL PLANTS & AROUND BUILDINGS

Treatments may be repeated as necessary to control Ants, Armyworms, Bluegrass billbugs, Centipedes, Chiggers, Chinch bugs, Cutworms, Darkling beetles, Earwigs, Essex skipper, European crane fly larvae, Field crickets, Fiery skipper, Firebrats, Grasshoppers, June beetles, Lawn moths (sod webworm), Lucerne moth larvae, Millipedes, Mole Crickets, Scorpions, Silverfish, Sowbugs, Spiders, Spittlebugs, Springtails, Ticks, and White grubs (such as Japanese beetle, Phyllophaga spp. and Green June beetle grubs).

LAWN & TURF - Treat entire area evenly at a dosage of 1.0 to 1.5 pounds per 1,000 sq.ft. Apply with a rotary spreader to obtain uniform coverage, giving particular attention to edges of sidewalks and along porch and patio foundations. For best results cut lawn and remove clippings before treatment.

ORNAMENTAL PLANTINGS - Apply evenly to soil around plants, shrubs and trees at a rate of 1.0 to 1.5 pounds per 1,000 sq. ft. For best results, areas to be treated should be damp. Repeat as needed for control.

FOR CONTROL OF WHITE GRUBS (SUCH AS JAPANESE BEETLE, PHYLLOPHAGA SPP.), BLUEGRASS BILLBUGS, EUROPEAN CRANE FLY LARVAE, GREEN JUNE BEETLE GRUBS - Treat the area at a dosage of 2.5 pounds per 1,000 sq. ft.

AROUND BUILDINGS - Apply CARBAIT 10% uniformly in an 8 foot band around the building at 4 ounces per 160 square feet (8 x 10 foot band, equivalent to 1.5 pounds per 1,000 sq. ft.) to shrub and

flower beds, foundations, ornamental plantings and lawn or soil areas immediately adjacent to the building.

ADDITIONAL APPLICATION DIRECTIONS - TURF AND ORNAMENTAL INSECTS

For Chinch bugs, Lawn moths (sod webworm), Mole crickets, and White grubs (such as Japanese beetle, Phyllophaga spp. and Green June beetle grubs) apply enough water to thoroughly wash the insecticide into the turf or soil areas to be treated.

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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