

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



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

January 29, 2003

Unicorn Laboratories
12385 Automobile Blvd.
Clearwater, FL 33762

Attention: Mr. Lee Tharrington

Subject: Unicorn Carbaryl Insecticide 5% Bait
EPA Reg. No. 28293-235
Amendment to update First Aid information dated August 9, 2002

Label Approval The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following changes:

- Label Comments**
1. Please include a 24-hour toll-free emergency phone number in the "**FIRST AID**" section. You may use the number for the National Pesticides Information Center (NPIC): 1-800-858-7378.
 2. In the "**NOTE TO PHYSICIAN**" section, delete all language except for the following statements: "Carbaryl is an N-methyl carbamate that inhibits cholinesterase. Atropine is antidotal. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested."
 3. In the **PRECAUTIONARY STATEMENTS**, please revise your paragraph beginning to replace "**CAUTION: Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly after handling.**"

with:

CAUTION: Harmful if swallowed or if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Causes moderate eye irritation. Harmful if inhaled. Avoid breathing vapors or spray mist. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling. Keep out of the reach of children and domestic animals.

**Label
Comments
(Cont.)**

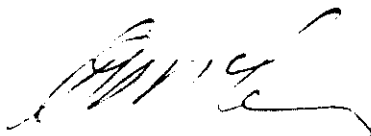
- 4. In the table, please remove the following phrases under the Crop heading: "Cucurbit vegetables", "Fruiting vegetables", "Root and tuber crops", and "Leafy vegetables". The listed vegetables are acceptable, but the crop groups include use sites that are not supported by the technical source.

Further consideration will be given to this application after the above revisions have been addressed and resubmitted.

**EPA
Contact**

If you have any questions or comments about this letter, please contact me at 703-605-0716 (by phone), 703-305-6596 (by fax), or mccann.geri@epa.gov (by E-Mail).

Sincerely yours,



**Geraldine R. McCann
Insecticide-Rodenticide Branch
Registration Division (7505C)**

Enclosure

Stamped Label

3/4

UNICORN Carbaryl Insecticide 5% BAIT

For the control of Cutworms, Armyworms, Field Crickets,
Darkling Beetles, Grasshoppers, Sowbugs and Ants.
For Use in Home Gardens and on Residential Lawns and Ornamentals Only.

ACTIVE INGREDIENT:

Carbaryl (1-Naphthyl N-methylcarbamate)..... 5%

INERT INGREDIENTS: 95%

Total: 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Additional Precautionary Statements.

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 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p align="center">NOTE TO PHYSICIAN</p> <p>Carbaryl is a carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible. Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested.</p>	

ACCEPTED
WITH COMMENTS
In EPA Letter Dated
JAN 29 2003

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

28293-235

NET CONTENTS:

Manufactured by:
Unicorn Laboratories
12385 Automobile Blvd.
Clearwater, FL 33762

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: May be harmful if swallowed. Avoid breathing dust. Do not take internally. Avoid contact with eyes, skin or clothing. Wear regular long-sleeved work clothing. Change to clean clothing daily.

USER SAFETY REQUIREMENTS

- ▶ Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product.
- ▶ Change clothing as soon as possible after use.
- ▶ Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.
- ▶ Do not allow children or pets to contact treated area until dust has settled.

Environmental Hazards

This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water, 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 wastes.

DIRECTIONS FOR USE

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

APPLICATION:

Wearing household latex or rubber gloves, apply by broadcasting with a rotary spreader, drop spreader, or shaker can. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with treated surfaces. Allow dust to settle in treated areas before reentering. For plants above chest height, consider using a liquid carbaryl product. Where a range of rates is provided, use lower rates for light infestation, immature insects or when foliage is not too dense; use higher rates for moderate to heavy infestation, mature insects or when foliage is thick. For best results on lawn and turf, cut lawn, remove clippings and water thoroughly before treatment. Dosage from 7 1/3 to 17 1/2 ounces of bait per 1000 sq.ft. will control cutworms, armyworms, field crickets, house crickets, mole crickets, darkling beetles, grasshoppers, sowbugs and ants.

Observe indicated days between last application and harvest [shown in table below as pre-harvest intervals (PHI)]. Allow indicated days between applications [shown in table below as **Retreatment Interval**].

Crop	Rate per 1000 sq. ft.	PHI	Retreatment Interval	Max. No. of Applications per Season	Comments
Asparagus (when spears present)	14 2/3 oz.	1 day	3 days	3	No more than 5 applications total when combined with fern stage treatments.
Asparagus (fern stage-after harvest)	14 2/3 oz.	N/A	7 days	2	No more than 5 applications total when combined with spear treatments.

Crop	Rate per 1000 sq. ft.	PHI	Retreatment Interval	Max. No. of Applications per Season	Comments
Sweet corn	7 1/3 to 14 2/3 oz.	2 days	3 days	8	
Fresh beans or peas	11 oz.	3 days	7 days	4	
Cucurbit vegetables (cucumbers, melons, pumpkins, squash)	7 1/3 oz.	3 days	7 days	6	
Fruiting vegetables (tomatoes, peppers, eggplant)	7 1/3 to 14 2/3 oz..	3 days	7 days	4	
Broccoli, Brussels sprouts, cabbage, cauliflower, kohlrabi	7 1/3 to 14 2/3 oz..	3 days	7 days	3	
Root and tuber crops (including carrots, parsnips, potatoes, horseradish, salsify, rutabagas, radishes, beets, turnip roots)	7 1/3 to 14 2/3 oz.	7 days	7 days	3	
Leafy vegetables (including celery, dandelion, endive, Hanover salad, lettuce (head & leaf), parsley, spinach, Swiss chard, mustard greens, garden beet tops, turnip tops)	7 1/3 to 14 2/3 oz..	15 days	7 days	3	
Chinese cabbage, collards, kale	7 1/3 to 14 2/3 oz.	14 days	7 days	3	
Dried beans or peas	11 oz.	21 days	7 days	4	
Strawberries	14 2/3 oz.	7 days	7 days	5	
Lawn & turf, non-crop areas	11 oz.	0 days	7 days	No maximum	

Crop	Rate per 1000 sq. ft.	PHI	Retreatment Interval	Max. No. of Applications per Season	Comments
All insects listed above except darkling beetle for the following plants:					
Annual plants – herbaceous plants and shrubs, woody plants (ornamental)	14 2/3 to 17 1/2 oz.	0 days	7 days	No maximum	

TURFGRASS & ORNAMENTAL PLANTS			
SITE	INSECT	RATE PER 1,000 SQ. FT.	SPECIFIC DIRECTIONS
Turfgrass	Armyworms Crickets Cutworms Darkling ground beetle Grasshoppers Mole crickets Sowbugs	8 to 16 oz.	Treat entire area to obtain uniform coverage, giving particular attention to building perimeters, edges of sidewalks, and along porch and patio foundations. For best results, mow lawn, remove clippings, and thoroughly water area to be treated prior to application. Do not repeat application more than once a week.
Ornamental Plants	Armyworms Crickets Cutworms Darkling ground beetle Grasshoppers Mole crickets Sowbugs	8 to 16 oz.	Apply uniformly to soil around plants, and shrubs. For best results, thoroughly water area to be treated prior to application. Do not repeat application more than once a week.

STORAGE AND DISPOSAL

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

STORAGE: Store in cool, dry place in original container. Protect from excessive heat. Once opened, do not store bag for prolonged period. In case of puncture, use overslip bag and securely close. Do not reuse container.

DISPOSAL: **If empty** – Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled** – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE OF WARRANTY:

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.