



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

AUG 19 2005

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Lee Tharrington
Director, Regulatory Affairs
Unicorn Laboratories
12385 Automobile Blvd
Clearwater, FL 33762

Subject: Label Amendment: Response to Agency's letter of January 24, 2003
UNICORN 6.3% Granular carbaryl Insecticide
EPA Reg. No. 28293-233
Submission dated January 29, 200, "acceptable with comments"

Dear Mr. Tharrington:

The label is acceptable with the following comments:

The active ingredient must be singular having only one ingredient.

A stamped copy of the label "accepted with comments" is enclosed for your records.

Please submit two (2) copies of the final printed label for our files prior to releasing the product for shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, which appears to read "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch
Registration Division (7505C)

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UNICORN
6.3% Granular Carbaryl Insecticide

For Outdoor Home Insecticide Use

Editors Note: [] Brackets indicate alternate or optional wording

[• Ready To Use Granules]

[• Kills Listed Insects In Lawns, Gardens and Around Homes.]

ACTIVE INGREDIENTS:

Carbaryl (1-naphthyl N-methylcarbamate)6.3% by wt.

INERT INGREDIENTS:93.7% by wt.

Total **ACCEPTED**100.00%

with COMMENTS
In EPA Letter Dated:

AUG 19 2005

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

28293-233

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Additional Precautionary Statements.

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

NET CONTENTS:

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

[Editors Note: Optional chart - can be used on front or back panel of label - may appear on certain final printed labels.]

PRODUCT FACTS	
KILLS INSECTS	Ants, armyworms, bluegrass billbug larvae, centipedes, chiggers, chinch bugs, crickets, cutworms, darkling ground beetle, earwigs, European crane fly larvae, fall armyworms, fiery skippers, fire ants, firebrats, fleas, grasshoppers, green June beetle grubs, leafhoppers, lucerne moth larvae, millipedes, scorpions, silverfish, sod webworms, sowbugs, spiders, spittle bugs, springtails, ticks, yellowstriped armyworms, white grubs (such as Japanese beetle grubs, chafer beetle grubs, <i>phyllophaga</i> spp. Grubs and annual white grubs)
WHERE TO USE	Lawns, flower beds, fruit & vegetable crops, around buildings, recreational & ornamental turf areas
AMOUNT TO USE	Lawns, recreational & ornamental turf areas: 2.2 to 3.0 lbs. per 1000 sq.ft.
	Nuisance pest control in and around flower beds and ornamental plantings and around buildings: 5.8 ounces per 120 sq.ft. (6 x 20 foot band)
	FRUIT AND VEGETABLE CROPS (Not for use in California): Apply evenly over the soil surface. See table for specific [crop] rates.
	IMPORTED FIRE ANT CONTROL: 1.5 to 3.0 ounces over and around each fire ant mound
	CONTROL OF TICKS WHICH TRANSMIT LYME DISEASE: 2.5 to 3.0 lbs. per 1000 sq.ft.
The handy applicator makes it easy to dispense product as you want it. And the overcap can be used as a funnel, along with our larger-size bag, for easy refills with no spills and no mess. This product [specific product name] goes on dry; no mixing is required.	

[Editors Note: Optional chart - for specific type of packaging - may appear on certain final printed labels.]

Easy-to-Use Applicator

1. Remove top overcap. Unscrew nozzle and remove safety seal from jug.
2. Extend nozzle applicator and rotate as shown.
3. Apply to area.

Easy-to-Refill

1. Press firmly through circle and tear it away from overcap.
2. Unscrew and remove nozzle. Place inverted overcap onto jug opening.
3. Refill jug by pouring product from [specific product name] refill bag.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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 dust. 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. Avoid contamination of food and feed.

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 during application and as directed, water lawn after application and allow to dry before permitting children or pets on treated area.

FIRST AID

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 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 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. You may also contact the National Pesticides Information Center (NPIC): 1-800-858-7378 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Carbaryl is an N-methyl carbamate that inhibits cholinesterase. Atropine is antidotal. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.	

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, 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.

STORAGE AND DISPOSAL

STORAGE: Store unused product in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100°F.

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.

DIRECTIONS FOR USE

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

Wear household latex or rubber gloves. 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. Do not repeat application more than once a week.

LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS

For control of turfgrass pests, apply granules uniformly to the turf grass. For optimum control, follow specific directions for proper watering or irrigation after application. Do not allow public use of treated area during application.

Pest	Pound of This Product Per 1000 Sq. Ft.	SPECIFIC DIRECTIONS
Ants, Armyworm, Centipedes, Chiggers, Chinch bugs, Crickets, Cutworms, Darkling ground beetles, Earwigs, Essex skipper, European chafer, Fall armyworm, Fiery skipper, Fleas, Grasshoppers, Green June beetle, Green June beetle grubs, Lawn moths (Sod webworm), Leafhoppers, Lucerne moth larvae, Millipedes, Sowbugs, Spittlebugs, Springtails, Ticks, Yellowstriped armyworm.	2.2 to 3.0	For general pest control, apply granules uniformly when grass is dry. For most effective control, lawn should be watered lightly after application to remove chemical from the granules.
White grubs (such as: Japanese beetle grubs, Chafer beetle grubs, <u>Phyllophaga</u> spp. grubs, and Annual white grubs), Bluegrass billbug larvae, European crane fly larvae.	3.0	For white grub control applications should be made when grubs are feeding near the soil surface, usually during late March through May or July to early September, or as recommended by local agricultural extension agents. For most effective control, turf should be watered thoroughly after treatment to remove the chemical from the granules.

NUISANCE PEST CONTROL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND BUILDINGS

For control of ants, armyworms, ticks, cutworms, centipedes, crickets, earwigs, firebrats and silverfish, fleas, millipedes, sowbugs, scorpions and spiders; apply granules uniformly in a 6 foot band around the building. Apply granules at the rate of 5.8 ounces per 120 sq. ft. (6 x 20 foot band) to shrub and flower beds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to the building. For most effective control, treated area should be lightly watered after application to remove the chemical from the granules. Do not repeat application more than once a week.

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FRUIT AND VEGETABLE CROPS**(Not for Use in California)**

For control of Ants, Centipedes, Crickets, Cutworms, Earwigs, Grasshoppers, Millipedes, Sowbugs (Pillbugs), Springtails, and Ticks, apply this product evenly over the soil surface. Water lightly after application to release the chemical from the granules. 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)	3/4 lb.	1 day	3 days	3	No more than 5 applications total when combined with fern stage treatments.
Asparagus (fern stage-after harvest)	3/4 lb.	N/A	7 days	2	No more than 5 applications total when combined with spear treatments.
Sweet corn	3/4 lb.	2 days	3 days	8	
Fresh beans or peas	1/2 lb.	3 days	7 days	4	
Cucumbers, melons, squash	1/4 lb.	3 days	7 days	6	
Tomatoes, peppers, eggplant	3/4 lb.	3 days	7 days	4	
Broccoli, Brussels sprouts, cabbage, cauliflower, kohlrabi	3/4 lb.	3 days	7 days	3	
Carrots, parsnips, potatoes, radishes, beets	3/4 lb.	7 days	7 days	3	

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Crop	Rate Per 1000 sq. ft.	PHI	Retreatment Interval	Max. No of Applications Per Season	Comments
Celery, dandelion, endive, lettuce (head & leaf), spinach, mustard greens, garden beet tops, turnip tops	3/4 lb.	15 days	7 days	3	
Collards, kale	3/4 lb.	14 days	7 days	3	
Dried beans or peas	1/2 lb.	21 days	7 days	4	
Strawberries	3/4 lb.	7 days	7 days	5	

IMPORTED FIRE ANT CONTROL

For use as a mound treatment to control imported fire ants, apply 1.5 to 3.0 ounces by weight over and around each fire ant mound. Irrigate mound thoroughly immediately after treatment to remove the chemical from the granules and flush it down into the mound. A minimum of 1 gallon of water should be applied to each mound, but do not use more than 2 gallons of water as flooding of the mound may result. Apply water gently to avoid disturbing ants and causing migration before chemical can be effective. For best results, apply in the early morning or late evening hours when ants are least active. Treat new mounds as they appear.

CONTROL OF TICKS WHICH TRANSMIT LYME DISEASE

For control of juvenile and adult Ixodes spp. ticks (Deer tick, Bear tick and Black legged tick). Apply granules at the rate of 2.5 to 3.0 pounds of formulated product per 1000 square feet.

Begin application in late spring or early summer (May/June). Uniformly apply granules to entire lawn, perimeter wooded areas, and property boundaries including shrub beds, ornamental plantings and wooded areas where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from granules.

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[Editors Note: Optional chart - may appear on certain final printed labels.]

SPREADER TIPS				
For best results, use a Scotts® spreader				
Spreader [make & model]	Spreader Setting for 2.2 lbs. per 1000 sq.ft.	Spreader Setting for 2.5 lbs. Per 1000 sq.ft.	Spreader Setting for 3.0 lbs. per 1000 sq.ft.	Directions
Scotts SpeedyGreen® 3000	3 - 1/2	4	4	Rotate the inner micrometer until the correct setting appears in the micrometer window. Pull the lever until it stops against the handle grip, and start walking to initiate spreading. To avoid misses or heavy strips, make each pass 5 ft. from the previous one.
Scotts AccuGreen® 3000	7	7 - 1/2	8	Rotate the inner micrometer until the correct setting appears in the micrometer window. Pull the lever until it stops against the handle grip, and start walking to initiate spreading.

Notice of Disclaimer

Buyer should be solely responsible for any and all injury, loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions.