



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Viachem LLC
707 Broadhollow Rd
Suite 28
Farmingdale, NY 11735-3903

FEB 12 2010

Subject: Revised Label to Increase Application Rate for Ticks
Turf and Garden Seven % Granular Carbaryl Insecticide
Reg. 82200-1
Your Application Dated December 21, 2009

Dear Mr. Rose,

The label referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the revisions noted below.

1. On page 4 revise "Will kills pests present only at the time of application" to read "Will only kill pests that are present at the time of application."
2. On page 5, revise the phrase "... or as recommended by local Agricultural Extension Service Agents." to read "... or timing as recommended by local Agricultural Extension Service Agents."

A stamped copy is enclosed for your records. Please submit one copy of the final revised printed label before releasing the product for shipment. If you have questions, email Joanne Edwards at edwards.joanne@epa.gov or by telephone at (703) 305-6736.

Sincerely yours,
Joanne S. Edwards

Joanne S. Edwards
Insecticide-Rodenticide Branch
Registration Division (7504P)

2/8

Turf and Garden Seven % Granular Carbaryl Insecticide

Intended For Outdoor Home Insecticide Use

Active Ingredient: Carbaryl (1-naphthyl N-methylcarbamate).....	7.0% by wt.
Other Ingredients:	93.0% by wt.
Total	100.0%

E.P.A. Reg. No. 82200 - 1

E.P.A. Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**ACCEPTED
With COMMENTS**

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY**
Call 24 Hours A Day at CHEMTREC (800) 424-9300

In EPA Letter Dated:
February 12, 2010

Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:

For **PRODUCT USE** Information Call (631) 752-8700

82200-1

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 or convulsing person.
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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

MEDICAL INFORMATION

Contact a physician immediately in all cases of suspected poisoning. Transport to a physician or hospital immediately and **SHOW A COPY OF THIS LABEL TO THE PHYSICIAN**. If poisoning is suspected in animals, contact a veterinarian.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN.

NOTE TO PHYSICIAN

Carbaryl is a N-methyl carbamate insecticide, which is a cholinesterase inhibitor. Atropine is antidotal. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are **NOT** recommended.

Consultation on diagnosis, therapy and analysis can be obtained at all hours by calling the emergency number.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH THE SKIN.

Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt, long pants, shoes plus socks and chemical resistant gloves when handling this product. Change clothing as soon as possible after use. Wash the outside of gloves before removing. Wash hands thoroughly with soap and water immediately after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Keep and wash contaminated clothing separately from other laundry. Do not allow children or pets to contact treated area until dust has settled.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

STORAGE AND DISPOSAL

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

PESTICIDE 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.

PESTICIDE DISPOSAL

Partially filled containers may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

CONTAINER DISPOSAL

Non-refillable container. Do not reuse or refill this container. Discard container in trash or offer for recycling, if available.

5/8

DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Read entire label before using this product.**

Turf and Garden Seven % Granular Carbaryl Insecticide is a granular formulation of carbaryl that may be applied by a properly calibrated push type spreader.

Do not apply product by hand, spoon or by using a belly grinder.

Apply when air is calm. For plants above chest height, consider using a liquid carbaryl product.

Do not apply this product in a way that will contact any person or pet, either directly or through drift.

Keep people and pets out of the area during application.

Do not allow people or pets to enter treated area until dusts have settled.

Product must be watered in immediately following application to lawns.

Do not allow people (except those involved in watering-in) or pets to enter the treated area until the watering-in is completed and the area has dried.

Not for use on plants grown for sale or commercial use, research, or commercial seed production.

For outdoor use only.

PLANT RESPONSE PRECAUTIONS

Application to wet foliage or during periods of high humidity may cause injury to tender foliage.

APPLICATION STATEMENT

Calibrate and adjust spreader to insure specified rate and accurate placement.

USE DIRECTIONS

RESIDENTIAL LAWNS

To kill listed pests, apply granules uniformly to dry grass using a spreader. Follow specific directions for proper application and irrigation. Will kill pests present only at the time of application. Pests must be directly contacted to be effective. Repeat applications as needed up to a total of 4 times per year. Do not apply more often than once every week.

	PEST		POUNDS OF TURF AND GARDEN GRANULAR CARBARYL PER 1000 SQ. FT.	SPECIFIC DIRECTIONS
Residential Lawns, and Ornamentals such as evergreens, shrubs, flowering plants, and foliage plants	Ants (except harvester, pharaoh, and carpenter ants) Armyworm Centipedes Chiggers Chinch bugs Cutworms Earwigs Essex skipper European chafer Fall armyworm Fiery skipper Grasshoppers Green June beetle larvae Leafhoppers	Lucerne moth Millipedes Mosquitoes (adults) Scarab beetle adults (such as May beetle, June beetle, Japanese beetle, green June beetle) Sod webworm (lawn moths) Sowbugs Spittlebugs Springtails Ticks Yellow striped armyworm	2.8	Irrigate immediately after application to remove chemical from granules.

	Billbug larvae European crane fly larvae Fleas White grubs (such as Japanese beetle larvae, Chafer beetle larvae, and <i>Phyllophaga</i> spp. larvae and annual white grubs) Black turfgrass Ataenius beetle larvae Hyperodes weevil (bluegrass weevil larvae)	2.8	To kill subsurface pests, apply when insects are actively feeding near the soil surface, usually during late March through May, or July through early September, or as recommended by local Agricultural Extension Service Agents. Irrigate thoroughly immediately after application to remove chemical from granules and move it down into the thatch to kill subsurface pests that are actively feeding near the soil surface.
--	--	-----	--

TO KILL TICKS WHICH MAY VECTOR LYME DISEASE

To kill juvenile and adult *Ixodes* spp. ticks (Deer tick, Bear tick, and Black legged tick) and *Amblyomma* spp. ticks (Lone star tick), apply granules at the rate of 2.8 pounds of formulated product per 1000 square feet. Will only kill ticks that are present at the time of application. Ticks must be directly contacted to be effective.

Begin applications in late spring or early summer (May/June). Apply the product uniformly across the entire lawn, perimeter wooded areas, and property boundaries including shrub beds, ornamental plantings, and wooded areas where exposure to ticks may occur. Irrigate treated areas immediately after application to remove chemical from granules. Repeat applications as needed up to a total of 4 times per year. Do not apply more often than once every week.

TO KILL NUISANCE PESTS

For use in and around flower beds and ornamental plantings and around the outside of homes, porches, patios, and storage sheds. Will only kill listed target pests that are present at time of application. Pests must be directly contacted to be effective. Repeat applications as needed up to a total of 4 times per year. So not apply more often than once every week.

PEST	POUNDS OF TURF AND GARDEN GRANULAR CARBARYL PER 1000 SQ. FT.	SPECIFIC DIRECTIONS
Ants (except harvester ants, pharaoh ants, and carpenter ants) Armyworms Centipedes Crickets Cutworms Earwigs Firebrats Fleas Millipedes Scorpions Silverfish Spiders	2.8	Observe plant response precautions. Apply granules in a six (6) foot band around outer perimeter of buildings, to shrub and flower beds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to buildings. Treated area must be watered in immediately after application.

**TO KILL NUISANCE PESTS IN VEGETABLES AND SMALL FRUITS
(NOT FOR USE IN CALIFORNIA)**

To kill Ants, Centipedes, Crickets, Cutworms, Earwigs, Grasshoppers, Millipedes, Sowbugs (Pillbugs), and Springtails, apply Turf and Garden Seven % Granular Carbaryl Insecticide evenly over the soil surface. Water lightly after application to release the chemical from the granules. Applications may be made at any time before, during or after the growing season except as indicated in the specific directions for asparagus. Do not use on crops other than those listed below. Observe the preharvest intervals* for applications during the growing season.

Will only kill pests that are present at the time of application. Pests must be directly contacted to be effective. Contact as many pests as possible.

CROP	POUNDS OF TURF AND GARDEN GRANULAR CARBARYL PER 1000 SQ. FT.	PRE-HARVEST INTERVAL* IN DAYS	SPECIFIC DIRECTIONS
Asparagus	0.30	1	Repeat applications as necessary up to a total of 3 times prior to harvest or a total of 4 times per year but not more often than once every 7 days.

8/16

Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens, Kohlrabi, Chinese cabbage	0.65	3 (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Kohlrabi) 14 (Chinese cabbage, Collards, Kale, Mustard greens)	Repeat applications as necessary up to a total of 3 times but not more often than every 7 days.
Eggplant, Peppers, Tomatoes	0.65	3	Repeat applications as necessary up to a total of 4 times per year but not more often than once every 7 days.
Carrots, Garden Beets (roots), Horseradish, Parsnips, Potatoes, Radishes, Rutabagas, Salsify, Sweet Potatoes, Turnips (roots)	0.65	7	Repeat applications as necessary up to a total of 3 times per year but not more often than once every 7 days.
Strawberries	0.65	7	Repeat applications as necessary up to a total of 4 times per year but not more often than once every 7 days. Carbaryl may injure Early Dawn and Sunrise varieties of strawberries.
Garden Beets (tops), Turnips (tops)	0.65	14	Repeat applications as necessary up to a total of 3 times per year but not more often than once every 14 days.

*Pre-harvest interval: the time from treatment to harvesting. For brassica crops, leafy vegetables, and table beets (harvested for greens), use is restricted to application only within 30 days of plant emergence or the date of transplanting.

NOTICE OF DISCLAIMER

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER SHALL 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.

VIACHEM LLC
2 Hicks Street
Lindenhurst, NY 11757
(631) 752-8700