

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

April 22, 2008

Robyn Kneen  
Bayer Environmental Science  
PO Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27707

Subject: R&M Garden Dust 10%  
EPA Reg. No. 432-1210  
Poultry Deletion/ Label Received April 8, 2008

Dear Ms. Keen,

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 following changes:

- On the front panel revise "For Flea and Tick Control" to read "Kills Fleas and Ticks".
- On the front panel specify "methylcarbamate".
- Based on the toxicity rankings for this product, revise the order of First Aid statements to read:

IF SWALLOWED  
IF ON SKIN OR CLOTHING  
IF IN EYES  
IF INHALED

- Revise the Hazards to Humans and Domestic Animals statement to read:

CAUTION Harmful if swallowed. Harmful if absorbed through skin.  
Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing before reuse.

- Specify RESIDENTIAL USER SAFETY REQUIREMENTS.
- Revise the first sentence in Environmental Hazards to read “This pesticide is extremely toxic to aquatic invertebrates.”
- Revise the heading General Directions, Precautions and Restrictions to read Directions, Precautions and Restrictions.
- Delete the sentence “Do not apply this product through any type of irrigation system.”
- Change “Begin applications when insect or damage is first observed and repeat as directed below” to read “Begin applications when insect or damage is first observed”.
- Revise the sentence “Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust apply when air is calm to avoid drift and contact with eyes and skin” to read “Using this shaker can, dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm.”
- Revise “Start applying the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces.” to read “Start applying the farthest corner of the treatment area and work backward.”
- Revise the sentence “Do not apply this product in a way that will contact any person or pet, either directly or through drift” to read “Do not apply this product in a way that will contact any person or pet.”
- Delete all directions for use on corn.
- For the uses on broccoli, brussel sprouts, cabbage, cauliflower, kohlrabi, collards, kale, lettuce, mustard greens, spinach, turnip tops, carrot tops, radish tops and garden beet tops, add the restriction “Application is only permitted within thirty days from the date of crop emergence or the date of transplanting.”
- Revise the application rates to make more sense to the user, *e.g.*, revise the application rate 0.12 to read 1/8<sup>th</sup> pound, 0.25 to read 1/4<sup>th</sup> pound.
- Specify the net contents on the label. Note that the directions for use cannot require more of the product than is contained in the package.

- Under ORNAMENTALS add “For outdoor use only”.
- Under ORNAMENTALS, revise “...apply thoroughly to infested plants at the first sign of damage and repeat at 7 day intervals or as necessary...” to read “...apply thoroughly to infested plants at the first sign of damage. Do not repeat applications more than once weekly.”
- Under LAWNS, revise the sentence “To kill ants, chiggers, fleas, spiders and ticks, apply at the rate of 2 pounds per 1000 square feet, contacting as many pests as possible.” to read “To kill ants, chiggers, fleas, and ticks, apply at the rate of 2 pounds per 1000 sq. feet, contacting as many pests as possible. Will only kill pests present at the time of application. Pest must be directly contacted to be effective. This is a non-residual treatment.”
- Specify ants (except pharaoh ants and carpenter ants).
- Under EARWIGS, revise the directions for use to read “This material is effective in controlling earwigs and when properly used will reduce the number gaining entrance to your home. Using this shaker can, apply at rate of 1 pound per 1000 square feet. Apply around the outside foundation wall off the home. Be sure to treat in front of steps and other entrance areas. Earwigs breed over wide areas around yards and fields and are driven by cold weather to seek shelter in homes. Apply also around refuse piles, lumber, mulch and other concealment areas. Repeat in 10 days or when earwigs become troublesome.”
- Delete all reference to the websites on the label.
- Revise the statement “Manufacturer warrants that this product conforms to the chemical description on the label and is reasonable fit for the specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above,.” to read “Manufacturer warrants that this product conforms to the chemical description on the label and is reasonable fit for the specific purposes referred to in the Directions for Use.” Alternatively, list the “inherent risks.”
- Under Disclaimer, revise “Manufacturer makes no other...” to read “To the extent consistent with applicable law, manufacturer makes no other...”
- Under Disclaimer, revise “In no case...” to read “To the extent consistent with applicable law, in no case...”

A stamped copy is enclosed for your records. Please submit on copy of the final printed label before releasing the product for shipment.

Approval of this label does not constitute approval of your application for reregistration of this product. Product reregistration is currently pending, and future labeling changes and/or additional data may be required.

If you have questions, email me at [edwards.joanne@epa.gov](mailto:edwards.joanne@epa.gov) or by telephone at (703) 305-6736.

Sincerely,



Joanne S. Edwards, Entomologist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

5/9

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

4/22/08

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

432-1210

# R&M Garden Dust 10%

- \*For Use on Vegetables, Fruits, Ornamentals and Lawns
- \*For Flea and Tick Control
- \*Kills Japanese Beetles
- \*Kills Over 65 Insects on Vegetables, Fruits, Ornamentals and Lawns
- \*Ready-to-Use Sevin 10% Dust Bug Killer

**ACTIVE INGREDIENT:**

Carbaryl (1-naphthyl N-methylcarbama.....	10.0%
INERT INGREDIENTS.....	90.0%
Total.....	100.0%

EPA Reg. No. 432-1210

EPA Est. 67572-GA-I

## Keep Out of Reach of Children

# CAUTION

See Back Panel for Additional Precautionary Statements

<b>FIRST AID</b>	
This product is a N-methyl carbamate and is a cholinesterase inhibitor	
If Swallowed	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If Inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If in Eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on Skin or Clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOTLINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for emergency treatment information.	
<b>NOTE TO PHYSICIAN</b>	
CARBARYL is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.	

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans & Domestic Animals

##### CAUTION

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

#### User Safety Requirements

Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product. 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.

#### Environmental Hazards

This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### DIRECTIONS FOR USE

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

#### General Directions, Precautions and Restrictions

Do not apply this product through any type of irrigation system. Subsequent planting of food and feed plants in treated soil must be made with plants on this or other carbaryl labels. Some phytotoxicity may occur on tender foliage in the presence of rain or high humidity of several days' duration following application. Begin applications when insect or damage is first observed and repeat as directed below.

Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust 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 dusted surfaces. 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 the treated area until dusts have settled. For plants above chest height, consider using a liquid carbaryl product. Do not repeat applications more than once a week.

**Preharvest Use Limitation:** Observe the following preharvest intervals (number of days between last application and harvest) for application during the growing season:

Preharvest Interval	
Crop	Preharvest Interval (Days)
Sweet Corn	2
Garden beets (roots), radishes, rutabagas, turnips (roots), carrots, potato, blackberries, boysenberries, dewberries, loganberries, raspberries, blueberries, grapes and strawberries	7
Collards, garden beets (tops), kale lettuce (head and leaf), mustard greens, spinach and turnip (tops)	14
Dried shelled legume beans and peas including: field bean, kidney bean, dry lima bean, navy bean, pinto bean, blackeyed pea, cowpea, Crowder pea, mung bean, southern pea, lentil (dry). (Do not use on lentils in CA.)	21
Edible-podded legume vegetables including: Snap bean, wax bean, yardlong bean, jack bean, edible-pod pea, snow pea, sugar snap pea, broccoli, brussel sprouts, cabbage, cauliflower, kohlrabi, cantaloupe, cucumber, melons, pumpkins, squash, eggplant, pepper and tomatoes	3

Vegetables			
Plant	Insect Pests	Rate (Pounds Per 1000 Sq. Ft.)	Comments
Edible-podded legume vegetables including: Snap bean, wax bean, yardlong bean, jack bean, edible-pod pea, snow pea, sugar snap pea.  Dried shelled legume vegetables including: field bean, kidney bean, lima bean (dry), navy bean, pinto bean, adzuki bean, blackeyed pea, cowpea, mung bean, southern pea, lentil(dry). (do not use on lentils in CA.)	Bean leaf beetle, cucumber beetles, corn earworm, flea beetles, Japanese beetles, leafhoppers, Mexican bean beetle	0.25	Where Mexican bean beetle is the only problem a rate of 0.12 pounds per 1000 sq. ft. is sufficient
	Lygus bug, Lima bean pod borer, stink bugs	0.5	
Broccoli, brussel sprouts, cabbage cauliflower, kohlrabi	Flea beetles, harlequin bugs	0.12-0.25	
	Armyworms, corn earworm, diamond-back moth larvae, imported cabbageworm	0.25-0.5	Will not control cabbage loopers.
Collards, garden beets, kale, lettuce, mustard greens, radishes, rutabagas spinach, turnips	Flea beetles, harlequin bug, leafhoppers	0.12-0.25	
	Armyworms, corn earworm, Diamond-back moth larvae, Imported cabbageworm, stink Bugs, tarnished plant bug	0.25-0.5	For best control of corn earworm after lettuce heads begin to form use 1.0 lbs. per 1000 sq. ft. will not control cabbage loopers.
Cantaloupe, cucumbers, melons, pumpkins, squash	Cucumber beetles, flea beetles, melonworms, pickleworm, squash bug	0.25	
corn	Corn earworm, European Corn borer, Fall armyworm, Japanese beetles, Sap beetles	0.4-0.5	For budworm damage in the whorl, apply to entire plant. For insects attacking silks and ears apply at 2 to 3 day intervals making first application when first silks appear and continues until silks begins to dry. Three or more applications may be required depending upon severity of infestation.
Carrots	Flea beetles, leafhoppers, lygus bugs, spittlebugs, Stink bugs	0.25-0.5	
Eggplants, pepper, tomato	Fall armyworm, flea beetles, leafhoppers, tomato fruitworm	0.25	
	European corn borer, stink bugs, tomato hornworm	0.25-0.5	
Potato	Colorado potato beetle, flea beetles, leafhoppers	0.12	
		0.25	
	lygus bugs	0.5	

SMALL FRUIT			
Plant	Insect Pests	Rate (Pounds) Per1000 Sq. ft.	Comments
Blackberries, boysenberries, dewberries, raspberries, strawberries, loganberries	Japanese beetles, leafhoppers, leafrollers, raspberry aphid	0.5	
Blueberries	Blueberry maggot, cherry fruitworms, cranberry fruitworms, Japanese beetles	0.37-0.5	Apply 3 weeks before harvest and repeat 10 days later if necessary.
Grapes	Grape leaffolder, grape leafhopper, grape leaf skeletonizer	0.25-0.5	Apply just before first brood leaffolder larvae emerge from rolls and as needed for leafhoppers.
	Grape berry moths, Japanese beetle, June beetle red-banded leafroller	0.5	
Strawberries	meadow spittlebug, strawberry leafroller, strawberry weevil	0.25-0.5	

### ORNAMENTALS

To control bagworm, blister beetles, boxelder bug, boxwood leafminer, flea beetles, Japanese beetle, lacebugs, leafhoppers, leafrollers, periodical cicada, plant bugs, psyllids, rose aphid, rose slug, scale insects in the crawler stage, tent caterpillars and exposed thrips, apply thoroughly to the infested plants at first sign of damage and repeat at 7 day intervals or as necessary for good insect control. To obtain scale control apply in spring and early summer when scale crawlers are present

### LAWNS

To control earwigs, fall armyworm, leafhoppers, millipedes, sod webworm, and sowbugs, apply at the rate of 2 pounds per 1000 square feet.

To kill ants, chiggers, fleas, spiders and ticks, apply at the rate of 2 pounds per 1000 square feet, contacting as many pests as possible.

For best results, apply after rain or watering and do not water for least 2 days after application. Repeat treatment as needed but not more than every 2-3 weeks.

### EARWIGS

This material is effective in controlling earwigs and when properly used will reduce the number gaining entrance to homes and buildings. Apply heavily at the rate of 1 pound to 150 linear feet completely around the foundation wall of buildings. The material should be applied heavily in a band 3 to 4 inches wide using a shaker-type can. Earwigs breed over wide areas around yards and fields and are driven by cold weather to seek shelter in warm buildings. As they move along the foundation wall seeking entrance, they come into contact with the treated barrier and are killed. Be sure to treat in front of all steps and other entrance ways as well as along the foundation wall. Treat also around refuse piles, lumber, mulch and other areas in the yard offering areas of concealment to earwigs. Repeat application in 10 days or when earwigs become troublesome. If the dust barrier is washed away by rain, it should be replaced with a new application if earwigs are still a problem.

### Storage and Disposal

**Storage:** Store pesticide in original container and place in a locked storage area. **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.



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This container is sold by weight, NOT by volume. You can be assured of the proper weight even though some settling of contents normally occurs during transportation and handling.

**Important:** Read the entire Directions before using this product. Disclaimer: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above. Manufacturer makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall Manufacturer be liable for consequential, special or indirect damages resulting from the use, handling or application of this product.

To obtain additional information or in case of an emergency call 770-787-1977.

- For more information go to [www.gardening123.com/productinfo](http://www.gardening123.com/productinfo)
- If you have a medical emergency, need consultation on diagnosis, therapy and analysis please call: (800) 420-9347
- If you have questions relating to product use or application, please call (800) 969-7200.
- If you have a product spill or transportation emergency call (800) 424-9300.
- For Material Safety Data Sheets please go to [www.gardentech.com](http://www.gardentech.com), or call (800) 969-7200.



**Bayer Environmental Science**

**A Business Group of Bayer CropScience LP**

**2 T. W. Alexander Drive**

**Research Triangle Park, NC 27709**

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