



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

DEC 16 2003

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Rebecca M. Horton
Consultant and Agent for Bonide Products Inc.
913 Dominion Lane
Salem, Virginia 24153-5630

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal
Bonide Garden Dust (Carbaryl)
EPA Reg. No. 4-143
Submission dated August 22, 2003

Dear Ms. Horton:

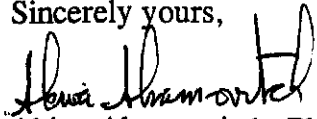
The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) Revise the Precautionary Statements to read "Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water, food or feed with this product.
- 2) Add under the directions for use on pets "This product must not be applied by children or when children are present".
- 3) The Note to Physician should be updated to read "Contains 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. You may want to list the NPIC emergency number. You may want a separate Note to Veterinarian from the Note to Physician.
- 4) "Sensitivities may occur after using ANY pesticide product for pets" must be changed to "Sensitivities.....after using this product for pets".
- 5) "For plants above chest height....." Must be changed to "Do not use this product on plants above chest height. You may consider using a liquid formulation for plants....."
- 6) Revise the re-treatment directions to "Do not reapply this product less than 30 days from the last application" to comply with the 30 days prohibition of treating pets with cholinesterase inhibiting pesticides.

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

Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,



Akiva Abramovitch, Ph.D.
Insecticide-Rodenticide Branch
Registration Division (7505C)

[FRONT PANEL]



SEVIN® GARDEN DUST

Optional Marketing Statement:

For Control of Insects on Vegetables, Fruits and Lawns

**ACCEPTED
with COMMENTS
in EPA Letter Dated
DEC 16 2003**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
4-413**

ACTIVE INGREDIENT:

Carbaryl (CAS # 63-25-2) 5.00%

OTHER INGREDIENTS:..... 95.00%

TOTAL..... 100.00%

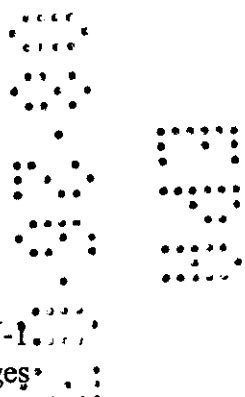
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back/side/other panel(s) for additional Precautionary Statements

NET WEIGHT: _____

SEVIN® is a registered trademark of Rhone-Poulenc for Carbaryl insecticide



[BACK/SIDE/OTHER PANEL(S)]

READ ENTIRE LABEL BEFORE EACH USE.

FIRST AID	
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 Pesticide Telecommunications Network at 1-800-858-7378 for emergency medical treatment information.	
If Swallowed:	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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.
NOTE TO PHYSICIAN & VETERINARIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: May be harmful if swallowed. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

GARDEN 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 the treated area until dust has settled.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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.

READ THESE ENTIRE DIRECTIONS AND DISCLAIMER. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

GENERAL INFORMATION

Apply Sevin Garden Dust when insects first appear, preferably before damage from feeding occurs. Repeat at 7-10 day intervals as necessary. Apply with conventional dusting equipment. Thorough coverage to top and underside of leaves is necessary. Avoid using during flowering and pollination period. SEVIN is toxic to honey bees. Do not dust too heavily or crop injury may result to tender foliage in the presence of rain or high humidity following dusting.

This product does not control mites. Where mites are a problem, use a suitable miticide.

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. Allow dust to settle in treated areas before reentering.

For plants above chest height, consider using a liquid carbaryl product.

Do not repeat application more than once a week.

VEGETABLES

PHI = PREHARVEST INTERVAL

ASPARAGUS: For control of asparagus beetle and tarnished plant bug on seedlings and spears, apply ½ to ¾ lbs. per 1,000 sq. ft. when insects appear. Retreatment interval = 7 days when applied to ferns after harvest. Retreatment interval = 3 days when applications are to spears. PHI = 1 day.

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BEANS: For control of Mexican bean beetle, bean leaf beetle, cucumber beetles, leafhoppers, western bean cutworm, flea beetles and Japanese beetles: apply 1/2 lb. to 1 lb. per 1,000 sq. ft. For control of corn earworm, armyworms, and velvet bean caterpillar, apply 1/2 to 3/4 lbs. per 1,000 sq. ft. For control of lima bean pod borer, lygus, and stink bugs, apply 1 lb. per 1,000 sq. ft. Retreatment interval = 7 days. PHI = 3 days (succulents), PHI = 21 days (dried), PHI = 14 days (forage), PHI = 21 days (hay).

CORN: For control of corn earworm, European corn borer, fall armyworm, sap beetle, Japanese beetle, leafhoppers, flea beetles, and corn rootworm (adults): apply 1/2 to 1 lb. per 1,000 sq. ft. For larvae in whorl (budworm damage) and foliage feeders, apply to entire plant. Repeat as necessary. For insects attacking silks and ears, apply at 7 day intervals, starting when the silks appear and continuing until silks begin to dry. Three or more applications may be required depending on severity of infestation. Corn (sweet) Retreatment interval = 7 days. PHI = 2 days (ears). PHI = 14 days (forage). PHI = 48 days (fodder). Corn (field and pop) Retreatment interval = 14 days. PHI = 14 days (forage, silage). PHI = 48 days (grain, fodder).

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, COLLARDS, KALE, AND KOHLRABI: For control of flea beetle and harlequin bug, corn earworm, armyworm, and cabbage caterpillars, apply 1/2 to 2/3 lbs. per 1,000 sq. ft. when insects first appear and repeat at 7 day intervals as needed. Retreatment interval = 7 days. PHI = 3 days (Brussels sprouts, broccoli, cabbage, kohlrabi, cauliflower). PHI = 14 days (Chinese cabbage, kale, collards).

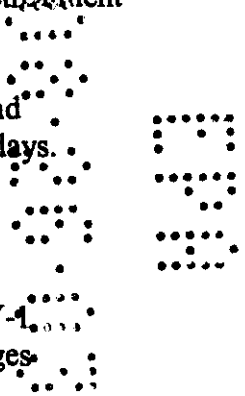
DANDELION, ENDIVE (ESCAROLE), GARDEN BEETS (TOPS), LETTUCE (HEAD AND LEAF), PARSLEY, SWISS CHARD, TURNIPS (TOPS), AND SPINACH: For control of flea beetles, harlequin bug and leafhoppers, apply 1/2 to 3/4 lb. per 1,000 sq. ft. Apply when insects first appear. Retreatment interval = 7 days. PHI = 14 to 15 days.

MUSTARD GREENS: For control of flea beetles, harlequin bug and leafhoppers, apply 1/2 to 3/4 lb. per 1,000 sq. ft. Apply when insects first appear. Retreatment interval = 7 days. PHI = 13 to 14 days.

CUCUMBER, SQUASH (summer and winter), PUMPKINS AND MELONS: For control of cucumber beetles, melonworm, pickleworm, squash bugs, leafhopper, and flea beetle, apply 1/2 lb. per 1,000 sq. ft. Apply when insects appear. Avoid excessive applications. Retreatment interval = 7 days. PHI = 3 days. Some leaf injury may occur if treatment is made when tender foliage is wet or in presence of very high humidity.

CARROTS, HORSERADISH, RADISH, PARSNIPS, RUTABAGAS, AND SALSIFY: For control of flea beetles, harlequin bugs, and leafhoppers, apply 3/4 lb. per 1,000 sq. ft. Retreatment interval = 7 days. PHI = 7 days.

POTATOES: For control of Colorado potato beetle, tarnished plant bug, flea beetle and leafhoppers, apply 1/2 to 3/4 lb. per 1,000 sq. ft. Retreatment interval = 7 days. PHI = 7 days.



TOMATO, PEPPER, AND EGGPLANT: For control of Colorado potato beetle, tarnished plant bug, flea beetle and leafhoppers, apply ½ to ¾ lb. per 1,000 sq. ft. For control of tomato fruitworm, fall armyworm, tomato hornworm, European corn borer, lygus bugs and stink bug, apply 1 lb. per 1,000 sq. ft. Retreatment interval = 7 days. PHI = 3 days.

FRUITS

BLUEBERRIES: For control of Japanese beetle, cherry, and cranberry fruitworms, apply dust thoroughly covering top and underside of leaves. Apply ¾ lb. per 1,000 sq. ft. when insects are first noticed and repeat at 7 day intervals as necessary. PHI = 7 days.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, AND RASPBERRIES: For control of Japanese beetle, leafrollers, and raspberry aphid, dust thoroughly covering top and underside of leaves. Apply ¾ lb. per 1,000 sq. ft. when insects appear and repeat at 7-10 day intervals. Full dust coverage is essential for good control. PHI = 7 days.

GRAPES: For control of grape berry moth, Japanese beetle, grape leaf folder, and leafhoppers, dust thoroughly covering top and underside of leaves. Apply ¾ lb. per 1,000 sq. ft. when insects appear and repeat at 10 day intervals. PHI = 7 days.

STRAWBERRIES: For control of meadow spittlebug, strawberry weevil and strawberry leafroller, dust thoroughly covering top and underside of leaves. Apply ¾ lb. per 1,000 sq. ft. when insects first appear and repeat at 7 day intervals. PHI = 7 days.

LAWNS: For control of chinch bugs, fall armyworms, leafhoppers, sod webworms (lawn moths), ants, earwigs, fleas, millipedes, and mosquitoes. Apply evenly 5 lbs. dust per 1,250 sq. ft. or 1 lb. per 250 sq. ft. For control of chinch bugs, fall armyworms, sod webworms, and ants, apply water after application to move dust into the soil where insects frequent. Repeat in 7-14 days if necessary.

USE ONLY ON DOGS OR CATS. Do not use this product on animals simultaneously or within 30 days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides, or chemicals. **Do not use on pregnant dogs.** Do not use on kittens or puppies under 12 weeks of age. Consult a veterinarian before using this product on medicated, debilitated, aged or nursing animals.

PET 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.

Use SEVIN Garden Dust only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal; avoid pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin. Reapply every week if needed. This product should not be applied by children. Dust bedding and doghouse using a shaker can or dust applicator.

In case of emergency, call 1-800-548-2423 (Animal Poison Control Center).

STORAGE AND DISPOSAL

Storage: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

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.

DISCLAIMER: Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herewith.

NOTE: This pesticide is to be sold **ONLY** in this original unbroken package.

Bonide Products, Inc.

Oriskany, NY 13424

