

1/10/2000

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

Nik Ramswick  
Universal Cooperatives, Inc.  
1300 Corporate Center Curve  
Eagan, Minnesota 55121

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: 5% Sevin Dust  
EPA Registration No. 1386-451  
Amendment dated November 4, 1999  
Label amendments as per the GDE dated August 6, 1999.

JAN 10 2000

Dear Ms. Ramswick:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the labeling changes indicated below before you release the product for shipment bearing the amended labeling:

1. Change the trademark statement on the first page of the label to delete "Union Carbide Corporation" and include the correct company for \*Sevin.
2. Delete the statement "May be applied on day of harvest, unless otherwise indicated" under the heading "Vegetables and Small Fruits" since no crops have a 0 day PHI.

A stamped copy is enclosed for your records. Submit two copies of your final printed labeling before you release the product for shipment.

Sincerely,

A handwritten signature in cursive script, reading "George Tompkins", is written over the typed name.

George Tompkins, Ph.D., Entomologist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

JAN 10 2000

Under the Fungicide, Herbicide, Insecticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
1386-451

# 5% Sevin\* Dust

For Insect Control On Certain Vegetables, Small Fruits, and Ornamental Plants.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

See Back Panel For Additional Precautionary Statements  
and Directions For Use

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-Methylcarbamate) .....	5%
INERT INGREDIENTS .....	95%
Total .....	100%

\*Trademark of Union Carbide Corporation for 1-naphthyl  
N-methylcarbamate.

Net Weight: 4 Pounds

EPA Reg. No. 1386-451  
EPA Est. No. 1386-OH-1



Universal Cooperatives, Inc.

Minneapolis, MN 55440

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

May be harmful if swallowed. Avoid breathing dust. Avoid contact with eyes, skin or clothing.

**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.

**STATEMENT OF PRACTICAL TREATMENT  
N-METHYL CARBAMATE**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with a finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. **IF INHALED:** Remove victim to fresh air. Apply respiration if indicated. **IF IN EYES:** Flush eyes with water for at least 15 minutes. **IF ON SKIN:** Wash with soap and water.

**NOTE TO PHYSICIAN:** Carbaryl insecticide is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal.

For Medical Emergency information call 1-800-228-5635, extension 138.

**ENVIRONMENTAL HAZARDS**

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

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.

Wearing house hold 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.

Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels. A listing of such crops can be obtained from the manufacturer.

## VEGETABLES AND SMALL FRUITS

To control the insects on the crops listed below, apply at the rate stated in pounds per 1,000 square feet uniformly and thoroughly to upper and lower surfaces of the foliage. Dust coverage of foliage should be complete, but do not apply in excessive amounts. Begin applications when insects or their damage first appear. Repeat at 7-day intervals. May be applied on day of harvest, unless otherwise indicated.

**ASPARAGUS** – Asparagus beetle. Apply at the rate of 1 pound per 1,000 square feet. Do not apply within 1 day of harvest. Apply during cutting season.

**BEANS** – Mexican bean beetle, bean leaf beetle, cucumber beetle, flea beetles, Japanese beetle adults, and leafhoppers. Apply at the rate of 1 pound per 1,000 square feet. Do not apply within 14 days of grazing or harvest for forage or within 3 days of harvest of fresh beans or within 21 days of harvest of dried beans or hay.

**CORN (SWEET)** – Corn earworm, European corn borer, fall armyworm, flea beetles, Japanese beetle adults, sap beetle, and leafhoppers. Apply at the rate of 1 pound per 1,000 square feet. For larvae in whorls (European corn borer and fall armyworm) and foliage feeders, apply to entire plant before tasseling. For insects attacking silks and ear, apply at intervals starting when silks first appear and continuing until they become dry. Three or more applications may be required. Proper timing and thorough coverage are essential. Application of this product to the tassel region of corn during pollen shed period will seriously reduce bee population. Do not apply within 2 days of harvest of ears or within 14 days of harvest or grazing of forage or within 48 days of harvest of fodder.

**CUCUMBERS, MELONS, PUMPKINS, and SQUASH** – Pickleworm, melonworm, cucumber beetles, flea beetles, leafhoppers, and squash bug. Apply at the rate of  $\frac{1}{2}$  pound per 1,000 square feet. Avoid excessive applications. Some leaf injury may occur if treatments are made when foliage is wet or during period of prolonged high humidity. Do not use on watermelons. Do not apply within 3 days of harvest.

**POTATOES, TOMATOES, EGGPLANT, and PEPPERS** – Colorado potato beetle, flea beetles, leafhoppers, European corn borer, fall armyworm, tomato fruitworm, tomato hornworm, tarnished plant bug, and stink bug. Apply at the rate of 1 pound per 1,000 square feet. Do not apply within 7 days of harvest of potatoes or within 3 days of harvest of tomatoes, eggplant or peppers.

**CABBAGE, BROCCOLI, and CAULIFLOWER** – Flea beetles, Harlequin bug, imported cabbage worm, and corn earworm. Apply at the rate of 1 pound per 1,000 square feet. Do not apply within 3 days of harvest.

**GARDEN BEETS, LETTUCE, RADISHES, SPINACH, TURNIPS and CARROTS** – Flea beetles, Harlequin bug, leafhoppers, armyworms, corn earworm, spittlebugs, tarnished plant bug, and stink bug. Apply at the rate of 1 pound per 1,000 square feet. Do not apply to garden beets (roots), radishes, turnips (roots), and carrots within 7 days of harvest. Do not apply to garden beets (tops), lettuce (head and leaf), spinach, turnips (tops) within 14 to 15 days of harvest.

**STRAWBERRIES** – Meadow spittlebug, strawberry leafroller, and strawberry weevil. Apply at the rate of 1 pound per 1,000 square feet. Do not apply within 7 days of harvest.

**GRAPES** – Grape berry moth, Japanese beetle adults, redbanded leafroller, leafhoppers, and grape leaf skeletonizer. Apply at the rate of 1 pound per 1,000 square feet. Do not apply within 7 days of harvest.

**BLACKBERRIES, BOYSENBERRIES, LOGANBERRIES, and RASPBERRIES** – Japanese beetle adults, leafrollers, leafhoppers, and raspberry aphid. Apply at the rate of 1 pound per 1,000 square feet. Do not apply within 7 days of harvest.

**BLUEBERRIES** – Blueberry maggot, cherry fruitworm, and cranberry fruitworm. Apply at the rate of 1 pound per 1,000 square feet. Applications for blueberry maggot should be timed with emergence of adult flies and repeated according to local schedules. Do not apply within 7 days of harvest.

## ORNAMENTAL PLANTS

Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawn and grounds.

**FLOWERS and SHRUBS** – Apple aphid bagworm, birch leafminer, boxelder bug, boxwood leafminer, elm leaf beetle, Japanese beetle adults, lace bugs, leafhoppers, leafroller, mealy bug, mimosa webworm, periodical cicada, rose aphid, rose slug, tent caterpillar and thrips (exposed) on ornamental plants, such as rose, carnation, chrysanthemum, gladiolus, lilac, arbor vitae juniper, hydrangea, and azaleas. Apply thoroughly and uniformly to upper and lower surfaces of all foliage. Repeat applications at 7-day intervals as needed. Do not apply to Boston Ivy.

## POULTRY

**CHICKENS, PARTRIDGES, PHEASANTS, and PIGEONS** – Northern fowl mite, chicken red mite, lice, fleas, and bed bugs in houses or quarters. Apply 1 pound per 40 square feet of floor and litter, and to roosts and interior surfaces. Do not apply directly to eggs or nest litter. Do not house birds in treated houses or areas within 7 days of slaughter.

For Northern fowl mite and lice on the birds, as a supplement to treatment of premises, apply 1 pound per 100 birds. Direct dust to vent and fluff areas, and distribute throughout feathers. Do not repeat within 4 weeks. Do not apply within 7 days of slaughter.

**DO NOT CONTAMINATE FEED, DRINKING WATER, FEEDING AND WATERING RECEPTACLES.**

## SPECIAL NOTES

Some phytotoxicity may occur on tender foliage in the presence of rain or high humidity of several days duration following application; does not control spider mites, but is compatible with most commonly used miticides.

## STORAGE AND DISPOSAL

**STORAGE:** Store product in original container and in a locked storage area. Do not store with or near feed or food products.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty bag. Discard bag in trash.

## WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

CO-OP is a Trademark of Universal Cooperatives, Inc.