



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

FEB 20 1995

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Stacy A. Schmidt  
SureCo, Inc.  
P.O. Box 938  
Fort Valley, GA 31030

Subject: **Pratt 50% Sevin Carbaryl Wettable Powder**  
**EPA Reg. No. 769-868**  
**Response to PR Notice 93-7, WPS**

Dear Ms. Schmidt:

The Agency has reviewed your application for an amendment (OPP Identifier No. 227190), dated September 23, 1994 for the above stated reason. The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is partially acceptable. The labeling fulfills the labeling requirements of the Worker Protection Standard (WPS) per 40 CFR part 156, subpart K, §156.200 (c)(3), which prohibits the distribution or selling any product within the scope of the WPS after April 21, 1994 without amended labeling accepted by the Agency.

The ENVIRONMENTAL HAZARDS statement must be changed. The sentence, "DO NOT apply directly to water or wetlands" should be changed to "Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark."

A stamped copy of the label, approved with comments, is enclosed for your records. Please submit five copies of the revised label as soon as possible. If you have any questions, please contact Teung F. Chin of my Team at (703) 305-5412.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.  
Product Manager 19  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Attachment  
769-868.BES



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

10/7

464 5476230  
18 1/28/95 H

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 11-19-88 BY 6032 G

**50% SEVIN  
CARBARYL WETTABLE POWDER**

**FEB 28 1995**

**KILLS: LAWN CHINCH BUGS  
and certain other resistant insects\* on  
ORNAMENTALS, FRUITS & VEGETABLES**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
769-868

\* As Listed

ACTIVE INGREDIENTS:	BY WEIGHT
Carbaryl (1-Naphthyl Methylcarbamate) .....	50.0%
INERT INGREDIENTS: .....	<u>50.0%</u>
TOTAL .....	100.0%

Trademark of Union Carbide Corp. for active ingredient  
(1-Naphthyl Methylcarbamate)

E.P.A. Reg. No. 769-868

E.P.A. Est. No. 769-6A-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

This product is N-methyl carbanate and is a cholinesterase inhibitor.

**IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching back of the throat with finger. Call a physician or poison control center immediately. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

**IF INHALED:** Remove victim to to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

**IF IN EYES:** Immediately flush eyes with plenty of water. Call a physician.

**IF ON SKIN:** Wash affected area with soap and water.

**NOTE TO PHYSICIAN:** Carbaryl is a moderate reversible cholinesterase inhibitor. Atrophine administered intravenously is antidotal. Do not use 2-PAM, opiates, or cholinesterase inhibiting drugs.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**SURECO, INC.  
FORT VALLEY, GA 31030**

**NET WEIGHT: 6 OUNCES, 10 OUNCES, 1 POUND, 2 POUNDS**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** CAUTION -- May be harmful if swallowed. Do not take internally. Avoid breathing vapors (dust or spray mist). Avoid contact with eyes, skin or clothing. Do not contaminate food or feed. Avoid storage near food or feed products. Avoid contamination of feed, feeding troughs and watering receptacles. Food utensils such as teaspoons or tablespoons should not be used for food purposes after use in measuring pesticides. Do not use on humans or household pets.

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

**Applicators and Other Handlers Must Wear:** Long-sleeved shirt and long pants, Waterproof gloves, Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:**

*Users Should:*

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to aquatic 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 if bees are visiting the treatment area. **MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS.** Protective information may be obtained from your Cooperative Agricultural Extension Service. Do not use when value of bees as pollinators is more important than insect control. Warn beekeepers to locate hives behind bee flight range until one week after application, or take equally effective precautions.

## DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Waterproof gloves, Shoes plus socks.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in tightly closed, original container in a locked area away from children and domestic animals. Do not reuse empty container. Securely wrap closed container in several layers of newspaper and discard in trash.

READ ENTIRE LABEL CAREFULLY BEFORE USE. OBSERVE ALL CAUTIONS. USE ONLY AS DIRECTED.

DIRECTIONS  
ORNAMENTAL INSECT CONTROL

Use 2 pounds per 100 gallons of water (2 tablespoonsful per gallon) when insects or their damage appear. Repeat weekly or as needed. SEVIN injures Boston Ivy.

Use on herbaceous and annual plants (carnation, gladiola, zinnia, chrysanthemum, etc.) to control:

blister beetle	June beetle	leaf roller	psyllid
flea beetle	lace bug	mealybug	rose aphid
boxelder bug	leafhopper	plant bug	thrips (exposed)
Japanese beetle			

Use on shrubs, trees and woody plants (rose, lilac, arborvitae, juniper, hydrangea, azalea, elm, maple, oak, dogwood, birch, pine, etc.) to control:

apple aphid	gypsy moth	mealybug	rose aphid
bagworm	Japanese beetle	mimosa webworm	rose-slug
birch leaf miner	June beetle	oak leaf miner	scale insects
boxelder bug	lace bug	orange tortrix	tent caterpillar
boxwood leaf miner	leafhopper	periodical cicad	thrips (exposed)
elm leaf aphid	leaf roller	puss caterpillar	willow leaf
elm leaf beetle			beetle

1 Pound/100 gallons equals 1 Tablespoonful per gallon.

**LAWN INSECT CONTROL**

Use 2 pounds 50% SEVIN in 150 to 200 gallons of water for each 5000 square feet of established lawn area for the control of:

chinch bugs	fall armyworm	ants	mosquitoes
leafhoppers	cutworms	fleas	millipedes
sod webworms (lawm moths)			

In Florida: Use 2-1/2 pounds for chinch bug control.

Use garden hose sprayers or pressure type equipment and apply full water volume to insure good penetration of turf. For best results, mow lawn and apply immediately after rain or watering. Repeat 2 to 3 weeks later if necessary.

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

POTATO, TOMATO, EGGPLANT AND PEPPER: Use 1 to 2 pounds for colorado potato beetle, flea beetles and leafhoppers. Use 2 to 4 pounds for European corn borer, fall armyworm, lace bugs, tomato fruitworm, tomato hornworm, tarnished plant bugs and stink bugs. On potato and eggplant, use 4 pounds for cutworm control.

OKRA: Use 2 to 4 pounds for corn earworm and stink bugs. Repeat at 5 to 7 day intervals or as necessary.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER AND KOHLRABI: Use 1 to 2 pounds for flea beetles and harlequin bug.

Use 2 to 4 pounds for armyworms, imported cabbage worms and loopers, and corn earworm. Where cabbage looper is the principal problem, use an alternative pesticide that is specifically recommended. For control of small cabbage loopers after edible portions begin to form, use SEVIN in a 5 to 7 day schedule.

CARROTS, CHINESE CABBAGE, COLLARDS, DANDELION, ENDIVE (ESCAROLE), GARDEN BEETS, HORSERADISH, KALE, LETTUCE, MUSTARD GREENS, PARSLEY, PARSNIPS, RADISHES, RUTABAGAS, SALSIFY, SPINACH, SWISS CHARD AND TURNIPS: Use 1 to 2 pounds for flea beetles, harlequin bug and leafhopper. To control six-spotted leafhopper (aster yellows vector) apply 2 to 3 pounds in a 5 to 7 day schedule.

Use 2 to 4 pounds for armyworms, imported cabbage worms and loopers, corn earworm, tarnished plant bug and stink bugs. For optimum control of corn earworm after lettuce heads begin to form, use 4 pounds in a 5 to 7 day schedule.

Where cabbage looper is the principal problem, use an alternative pesticide that is specifically recommended. For control of small cabbage loopers after edible portions begin to form, use 2 to 4 pounds in a 5 to 7 day schedule.

To avoid possible injury on lettuce, do not apply when foliage is wet or when rain or excessive humidity is expected during the next 2 days.

Do not apply within 3 days of harvest of head lettuce, garden beets (roots), horseradish, radishes, parsnips, rutabagas, salsify (roots), and turnips (roots).

Do not apply within 14 days of harvest of chinese cabbage, collards, dandelion, endive (escarole), garden beets (tops), kale, leaf lettuce, mustard greens, parsley, salsify (tops), spinach, Swiss chard and turnips (tops).

No time limitation on carrots.

EAST OF THE ROCKY MOUNTAINS: Use 1 pound for apple mealybug, green apple aphid, codling moth and white apple leafhopper. When heavy aphid infestations are present, repeated applications may be necessary for optimum control.

Use 2 pounds for apply maggot, bagworm, eastern tent caterpillar, European apple sawfly, eye-spotted bud moth, fruit tree leaf roller, green fruitworm, Japanese beetle, pear psylla, periodical cicada, plum curculio, red-banded leaf roller, rosy apple aphid, woolly apple aphid, apple rust mite, pear leaf blister mite, pear rust mite, tarnished plant bug, tentiform leaf miners, Forbes scale, Lecanium scales, oystershell scale, and San Jose scale. For optimum scale control, apply when crawlers are present. To control rosy apple aphid, apply before leaves are curled.

Application of SEVIN within 30 days after full bloom may also provide apple thinning. To avoid this, delay use until at least 30 days after bloom. May cause foliar injury if used before second cover on York and McIntosh apples.

Do not apply within 1 day of harvest of apples and pears.

LIMITED WARRANTY: BUYER ASSUMES ALL RISKS OF USE, STORAGE OR HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HEREWITH.