

PM-19

Reg # 8660-133

SS20268

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MAY 05 1997

H.R. McLane
7210 Red Road
Suite 206
Miami, FL 33143-5321

Subject: Greenup Sevin® 11.7 Liquid Flowable
EPA Registration No. 8660-133
Amendment dated March 4, 1997
Response to Agency letter dated 10/1/96

Dear Mr. McLane:

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:

1. Make the following changes to your label:

a) In the Directions for Use for CORN EARWORM, change "...at 2 to 3 day intervals..." to "...at 7 day intervals."

2. Submit one copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



for Tina E. Levine, Ph.D.
Acting Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

BEwards A: 8660/133-1 5/2/97

MAY '05 1997

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

8660-133

FOR TH

Apple and Pear trees: Use 2-1/2 days after full leaf stage and re thinning of fruit, delay use for at control Green Apple Aphid, Fruit Tlo and Codling Moth. Do not app

PEACHES

Use at the same rate, the same trees. Controls Plum Curculio, Le Fruit Tree Leaf Roller, and June B

FRUIT ON ORN

When fruit production is not destr tbsp. per gal. of water directed pa after full bloom. One treatment is ;

LAWN IN

Use one pint in 10 to 15 gals. of pressure type sprayer for control c worms, Fleas, Leafhoppers, Millip; mow lawn first, remove thatch, ar Webworms, apply May 15th and r

STOR

FOR HOMEOWNER USE ONLY disposal. Keep container closed s ples. PESTICIDE DISPOSAL: Se per and discard in trash. CONTAI

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MANUFACTURER warrants that the label and (2) is reasonably fit: CEPT AS SO WARRANTED, THE NO OTHER WARRANTY EXPRE The manufacturer's directions rega be reliable. All statements made c under normal use conditions. FOLI application, weather and crop conc ommended and other influencing fi the manufacturer. Buyer assumes (C)8660-133.pmscarb d1 103-19-86 Carbueter s

GREENUP

SEVIN 11.7 LIQUID FLOWABLE

For Use on Flowers, Vegetables, Fruits, Lawns, Shrubs and Ornamentals For Control of Aphids, Bagworms, Fleas, Gypsy Moth Larvae, Japanese Beetle, Mosquitoes, Tent Caterpillars, Tomato Hornworm, Sod Webworms, and Other Insects As Listed.

ACTIVE INGREDIENT: Carbaryl (1-naphthyl N-methylcarbamate) 11.7%
INERT INGREDIENTS: - - - - - 88.3%
TOTAL 100.0%

Contains 1 lb. Carbaryl per gallon. Sevin® is the registered trademark of Rhone Poulenc for carbaryl insecticide.

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Avoid breathing of spray mist. Do not take internally. Avoid contact with skin and eyes. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face thoroughly after handling and before eating or smoking.

USER SAFETY REQUIREMENTS

Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and applying product. Wear a hat and eye protection when making overhead applications. Remove clothing immediately if pesticide soaks clothing. 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 toilet. Do not allow children or pets to contact treated area until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Give victim 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. IF IN EYES: Flush eyes with plenty of water. If irritation persists get medical attention. IF ON SKIN: Remove contaminated clothing and wash skin with soap and water. NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water by cleaning of equipment or disposal of wastes. BEE CAUTION: 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. For all uses, mix with water as directed. Keep spray mixture well agitated. Repeat applications at 7 to 10 day intervals for continued control. Do not rotate to any crop not listed on this label or other Carbaryl labels.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or 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 lawns and grounds.

Apply when air is calm to avoid drift and contact with eyes and skin. Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces. Allow spray to dry in treated areas before reentering. For trees taller than 10 feet consider hiring a licensed professional. Spray thoroughly to wet upper and lower surfaces, stem and branches. Do not repeat applications more than once a week.

ORNAMENTAL INSECT CONTROL:

Use 2-1/2 tbsp. per gal. of water (equal to 1 quart in 25 gals. of water) and apply when insects or their damage first appears. Spray thoroughly to cover both sides of foliage, fruit and stems. Repeat weekly or as required to control Aphids, Bagworms, Birch Leafminer, Billster Beetles, Flea Beetles, Gypsy Moth Larvae, Japanese Beetles, June Beetles, Lace Bugs, Leafhoppers, Leaf Rollers, Mealybugs, Mimosa Webworm, Oak Leaf Miner, Periodical Cicadae (17-year Locust), Plant Bugs, Psyllid, Rose Aphids, Tent Caterpillar, Thrips (exposed stages), and Willow Leaf Beetle on flowers, shrubs, ornamental and forest trees. Do not apply to Boston Ivy.

VEGETABLE INSECT CONTROL:

Precautions in using: Apply when insects or their damage is first seen. Repeat at 7 to 10 day intervals, or as necessary. Do not apply within 1 day of harvest on all vegetable crops listed, except 3 days on Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Kohlrabi, Head Lettuce, Garden Beets (root), Horseradish, Radish, Parsnips, Rutabaga, Salsify and Turnips; and 14 days of harvest for Collards, Dandelions, Endive, Garden Beets (tops), Spinach, Swiss Chard, and Turnip Tops, Kale, Leaf Lettuce, Mustard Greens, Parsley and Salsify Tops.

To avoid possible injury to Lettuce and vining crops, do not apply when foliage is wet or when rain or excessive humidity is expected within the next 2 days. NOTE: Application of this product to the tassel region of Corn during the pollen shed period will seriously reduce bee population.

EUROPEAN CORN BORER: Apply thoroughly into whorls when plants are about knee high. Repeat at weekly intervals until tassels emerge.

CORN EARWORM: Apply to silks as soon as they appear. Make 3 to 4 applications at 2 to 3 day intervals as infestation warrants. Re apply immediately after a rain.

HOW TO MIX

Use 2-1/2 tbsp. per gal. of water on young plants and on mature plants to control Corn Earworms, European Corn Borer, Fall Armyworms, Flea Beetles, Japanese Beetle, Leafhoppers, Velvetbean Caterpillar, and Western Bean Cutworm on Beans (Green, Lima, Snap, Cowpeas, and Blackeyed Peas), Flea Beetle, Harlequin Bug, Leafhopper, Armyworm, Imported Cabbage Worm, Corn Earworm, Tarnished Plant Bug and Stink Bugs on Carrots, Chinese Cabbage, Collards, Dandelion, Endive, Garden Beets, Horseradish, Kale, Lettuce, Mustard Greens, Parsley, Parsnips, Rutabagas, Salsify, Spinach, Swiss Chard and Turnips. OV. U

Use only the low rate, therefore, 2-1/2 tbsp. per gal. (1 quart per 25 gals. water) for Pickleworms, Melonworms, Cucumber Beetle, Flea Beetle, Leafhoppers and Squash Bugs on Cucumbers, Melons, Pumpkins and Squash.

NET CONTENTS 1 PINT

EPA Reg. No. 8660-133

EPA Est. 8660-AL-1

PURSELL
INCORPORATED 1964

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GREENUP

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USER SAFETY REQUIREMENTS

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EPA Reg. No. 8660-133

EPA Est. 8660-AL-1

PURSELL

INCORPORATED 1954

HOW TO MIX (cont.)

For Tomatoes, Potatoes, Eggplant and Peppers for the control of Colorado Potato Beetle, Flea Beetles, Leafhoppers, Tomato Fruit Worm, Tomato Hornworm, Tomato Pinworm and European Corn Borer Larvae, use 2-1/2 tbsp. per gal. of water. May be applied up to day of harvest.

FRUIT TREE INSECT CONTROL FOR THE HOMEOWNER

Apple and Pear trees: Use 2-1/2 tbsp. per gal. of water. Apply to non-bearing trees 7 to 10 days after full leaf stage and repeat at 2 to 3 week intervals. On bearing trees, to avoid thinning of fruit, delay use for at least 30 days after bloom. Use at 10 to 14 day intervals to control Green Apple Aphid, Fruit Tree and Red Banded Leaf Roller, Bagworms, Plum Curculio and Codling Moth. Do not apply later than 1 day before fruit harvest.

PEACHES AND PLUM TREES

Use at the same rate, the same schedule and observe the same precautions for bearing trees. Controls Plum Curculio, Lesser Peach Tree Borer, Oriental Fruit Moth, Twig Borers, Fruit Tree Leaf Roller, and June Beetles. Do not apply later than 1 day before harvest.

FRUIT REDUCTION ON ORNAMENTAL TREES

When fruit production is not desired on Apple trees or Crataegus Sp. (Crabapples), spray 5 tbsp. per gal. of water directed particularly to the blooms at a time between 10 and 15 days after full bloom. One treatment is prescribed and complete fruit drop should not be expected.

LAWN INSECT CONTROL

Use one pint in 10 to 15 gals. of water to cover 500 sq. ft. of lawn surface. Use a suitable pressure type sprayer for control of Sod Webworm, Chinch Bugs, Ants, Earwigs, Fall Armyworms, Fleas, Leafhoppers, Millipedes, Mosquito, and Brown Dog Tick. For best results mow lawn first, remove thatch, and apply after irrigation. Repeat in 3 to 4 weeks. For Sod Webworms, apply May 15th and repeat at 30-day intervals through August.

STORAGE AND DISPOSAL

FOR HOMEOWNER USE ONLY: Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product. (C:8660-133 pm Carb dcl 03-19-86 Carbuser safety stmts smdnt 03-03-87.)

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HAZARDS
arine invertebrates. Do not apply directly to or to intertidal areas below the mean low tide of equipment or disposal of wastes. Do not expose to direct treatment or residues or allow it to drift to blooming crops or

OR USE
manner inconsistent with its labeling. Do not mix with other pesticides. Repeat applications on any crop not listed on this label

Commercial use, or for commercial seed production, or for aesthetic purposes or for escapes, ornamental gardens, or parks.

Wash eyes and skin. Start spraying at the edge of the yard to avoid contact with wet surfaces. For trees taller than 10 feet consider spraying upper and lower surfaces, stem and branches weekly.

FRUIT CONTROL:
5 gals. of water) and apply when insects are on both sides of foliage, fruit and stems. Controls: Birch Leafminer, Blister Beetles, June Beetles, Lace Bugs, Leafhoppers, Leaf Miner, Periodical Cicadae (17-year cicada), Thrips (exposed stages), and White-barked tree. Do not apply to Boston Ivy.

VEGETABLE CONTROL:
Apply when insects are first seen. Repeat at 7 to 10 day intervals on all vegetable crops listed. Controls: Cauliflower, Kohlrabi, Head Lettuce, Rutabaga, Salsify and Turnips; and 14 other insects. Spinach, Swiss Chard, Parsley and Salsify Tops. Do not apply when foliage is wet or when it rains. NOTE: Application of this product will seriously reduce bee population when plants are about knee high.

Apply 3 to 4 applications at 2 to 3 week intervals after a rain.

MIXING:
on mature plants to control Corn Earworm, Japanese Beetle, Leafhoppers, on Beans (Green, Lima, Snap, Cowpea), Leafhopper, Armyworm, Imported Cutworm and Stink Bugs on Carrots, Chinese Cabbage, Horseradish, Kale, Lettuce, Mustard, Spinach, Swiss Chard and Turnips. Use 1 quart per 25 gals. water for Pickleworms and Squash Bugs on Cucurbits.