



8660-70

08/10/2000

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

Randy R. Simon
Purcell Industries, Inc.
P.O. Box 540
Sylacauga, AL 35150

AUG 10 2000

Subject: Vertagreen Carbaryl Liquid Concentrate
EPA Registration No. 8660-70
Resubmission to delete unsupported uses from label as per
GDE instructions dated August 6, 1999.
Duplicate Amendments dated May 18 and 22, 2000.

Dear Mr. Simon:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, 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. The PHI for Cucumbers, Melons, Pumpkins, and Squash is 3 days. You must change the listed PHI of 7 days to 3 days.
2. In the PHI statement for "Carrots, Chinese Cabbage...Turnips." delete the portion "...and Kale, Collards," since both Kale and Collards appear elsewhere in this statement. This duplicates the use of these two crops in the PHI statement.

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

Sincerely,

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

VERTAGREEN® CARBARYL
LIQUID CONCENTRATE

For Home Use on Flowers, Vegetables, Fruits,
 Lawns, Shrubs, and Ornamentals.

EPA Reg. No. 8660-70 EPA Est. 9124-OH-1

ACTIVE INGREDIENT: Carbaryl (1-naphthyl N-methylcarbamate)- 24.40%
 OTHER INGREDIENTS: - - - - - 75.60%
 TOTAL 100.00%

(One Pint Contains 1/4 pound Carbaryl insecticide)

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

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

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

USER SAFETY REQUIREMENTS

Wear long-sleeved shirt, long pants, shoes plus socks and waterproof gloves when mixing and applying product. Wear a hat and eye protection when making overhead applications. Remove clothing as soon as possible 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 enter treated area until sprays have dried.



FIRST AID AND STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching the back of throat with finger. Never induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF IN EYES:** Flush eyes with plenty of water. Get medical attention. **IF ON SKIN:** Wash affected area with soap and water. Get medical attention. **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 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. 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. Mix with water as directed. Keep spray mixture well agitated. Repeat applications at 7 to 14 day intervals if needed for control. Apply when air is calm. Start spray at the farthest area and work backward to avoid contact with wet surfaces. Allow spray to dry in treated areas before reentry. Spray thoroughly to wet upper and lower surfaces. For large ornamentals consider hiring a licensed professional. 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.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS
 NET CONTENTS 1 PINT (Quart; Gallon)

PURSELL
 207 4th Street - Sylacauga, AL 35150

ORNAMENTAL INSECT CONTROL

Use 4 tsp. per gal. of water... apply when insects or their damage first appear. Spray thoroughly to cover both sides of foliage. Repeat weekly or as required to control Aphids, Bagworms, Birch Leaf Miner, Blister Beetles, Flea Beetles, Gypsy Moth Larvae, Japanese Beetles, June Beetles, Lace Bugs, Leafhoppers, Leaf Rollers, Mealybugs, Mimosa Webworm, Oak Leaf Miner, Periodical Cicada (17-year Locust), Plant Bugs, Psyllid, Rose Aphids, Tent Caterpillar, Thrips (exposed stages), and Willow Leaf Beetle on flowers, shrubs, and ornamental trees. Do not apply to Boston Ivy.

VEGETABLE INSECT CONTROL

Listed below are the crops with the pests controlled followed by the Pre-Harvest Interval (PHI) to stop applications prior to harvest. Unless otherwise indicated use 4 to 8 teaspoonsful in 1 to 2 gal. of water / 1,000 sq.ft. of plants. (Use the 4 tsp. rate on young plants; 8 tsp. on mature plants.) Apply when insects or their damage first appear. The retreatment interval is 7 days.

BEANS (Green, Lima, Snap, Cowpeas, and Blackeyed Peas): to control Mexican Bean Beetle, Bean Leaf Beetle, Leafhoppers, Flea Beetles, Corn Earworms, Lygus Bugs, Stink Bugs, Lima Bean Pod Borer, Japanese Beetle, Cucumber Beetle, Velvet bean Caterpillar, and Western Bean Cutworm. Do not exceed; the single maximum rate of 13 tsp. per 1,000 sq.ft.; Apply no more than 6 times per season. PHI is 3 days for succulents; 21 days (for dried beans);

Carrots, Chinese Cabbage, Collards, Dandelion, Endive, Garden Beets, Horseradish, Kale, Lettuce, Mustard Greens, Parsley, Parsnips, Rutabagas, Salsify, Spinach, Swiss Chard and Turnips, to control Flea Beetle, Harlequin Bug, Leafhopper, Armyworm, Imported Cabbage Worm, Corn Earworm, Tarnished Plant Bug and Stink Bugs. Do not exceed; the single maximum rate of 8 tsp. per 1,000 sq.ft.; Apply no more than 5 times per season. PHI is 7 days for carrots, Garden Beets (roots), Horseradish, Parsnips, Rutabagas, Salsify, and Turnips. PHI is 14 days for Chinese Cabbage, Collards, and Kale, Collards, Dandelions, Endive, Garden Beets (tops), Spinach, Swiss Chard, and Turnip (tops), Kale, Leaf Lettuce, Mustard Greens, Parsley and Salsify (tops).

Cucumbers, Melons, Pumpkins and Squash, Use the low rate, 4 tsp. per gal. for Pickleworms, Melonworms, Cucumber Beetle, Flea Beetle, Leafhoppers and Squash Bugs. Do not exceed; the single maximum rate of 8 tsp. per 1,000 sq.ft. Apply no more than 6 times per season. PHI is 7 days. 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.

Potatoes, Tomatoes, Eggplant, Okra and Peppers Use 4 tsp. per gal. of water for Leafhopper, Colorado Potato Beetle, Corn Earworm, Flea Beetles, Fall Armyworm, Lace Bug, Tomato Fruit Worm, Tomato Hornworm, Tarnished Plant Bug and Stink Bug. Do not exceed; the single maximum rate of 13 tsp. per 1,000 sq.ft. Apply no more than 6 times per season. PHI is 7 days for Potatoes; PHI is 3 days for Tomato, Eggplant, Okra and Pepper.

On Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Kohlrabi and Head Lettuce for Flea Beetle, Harlequin Bug, Armyworm, Imported Cabbage Worm, and Corn Earworm. Do not exceed; the single maximum rate of 13 tsp. per 1,000 sq.ft.; Apply no more than 5 times per season. PHI is 3 days. PHI is 14 days for Head Lettuce. Retreatment interval is 7 days.

**FRUIT TREES
 APPLES AND PEARS**

Use 4 tsp. 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 on the above mentioned fruit trees later than 3 days before fruit harvest.

PEACHES AND PLUMS

Spray at the same rate (4 tsp. per gal.) the same schedule and observe the same precautions for apple and pear 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 3 day before harvest.

LAWN INSECT CONTROL

Use 1/2 pint (8 oz. or 16 tbsp.) in 2 to 3 gals. of water and apply evenly for each 1,000 sq.ft. Use hose-attached or pressure-type sprayer to control Sod Webworm, (lawn moth), Chinch Bugs, Ants, Earwigs, Fall Armyworms, Fleas, Leafhoppers, Millipedes, Mosquito, and Brown Dog Tick. For best results mow lawn first, and apply after rain or watering. Repeat 2 to 3 weeks later, if necessary. For Sod Webworms, apply May 15th and repeat at 30-day intervals through August if additional infestations occur.

STORAGE AND DISPOSAL

STORAGE: Store product in the closed original container in a dry, cool area, away from food, feedstuffs and domestic water supplies and out of reach of children. Do not contaminate water, food or feed by storage and disposal. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse empty container. Discard 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. (8660-70, p.6505-15-00)

**ACCEPTED
 with COMMENTS
 In EPA Letter Dated:**

AUG 10 2000
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
 8660-70

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