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

Adair

APR 21 1994

JAMES J. WURZ
BONIDE PRODUCTS INC.
2 WURZ AVENUE
YORKVILLE, N.Y. 13495

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 1/27/94 in Response to PR Notice 93-7
EPA Reg. No. 4-315
BONIDE LIQUID ROTENONE/PYRETHRINS SPRAY

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



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contains at least 50% recycled fiber

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BONIDE®

LIQUID ROTENONE/ PYRETHRINS SPRAY

A COMBINATION OF INSECTICIDES FOR EASY MIXING WITH WATER. SAFE FOR USE ON THE LISTED FRUITS, VEGETABLES AND ORNAMENTAL PLANTS. ALSO FOR USE ON DOGS AND CATS TO KILL LICE, FLEAS AND TICKS.

APHID

CUCUMBER BEETLE

LEAFHOPPER

ACTIVE INGREDIENTS:

Rotenone 1.1% w/w
Other Cube Extractives 2.2%

Pyrethrins 0.8%

INERT INGREDIENTS 95.9%

Contains Aromatic Petroleum Solvent

100.0% w/w

EPA Reg. No. 4-315

EPA Est. 4-NY-1

WARNING KEEP OUT OF REACH OF CHILDREN

See side panel for additional precautionary statements and statement of practical treatment.

NET CONTENTS: 1 Quart (32 Fl. Oz.)

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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. Harmful if absorbed through skin. Causes skin irritation. May cause substantial but temporary eye injury. Wear safety glasses. Do not get in eyes, or skin, or on clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT — If swallowed: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard.

If in eyes or on skin: Flush with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS — This pesticide is extremely toxic to fish. Do not apply directly to water, or to ponds, streams, bays, marshes, and wetlands. Runoff and drift from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAM

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Store in original container in a cool, dry place, and in an area inaccessible to children and pets. Securely wrap container in several layers of newspaper and place in trash collection.

Mix this product with water as directed in the following chart to control the listed pests of ornamentals, vegetables, fruits and berries. Use a hand or automatic sprayer as a coarse spray. Use sufficient spray mix to give complete coverage of the plant.

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 21 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4-315

BEST COPY AVAILABLE

BONIDE LIQUID ROTENONE/PYRETHRINS SPRAY, EPA Req. No. 4-315

Site	Pests	Volume Of Product/Gallon Of Water	Comments
Fruits and berries such as apple, pear, peach, plum, cherry, grape, currant, gooseberry, raspberry, blackberry, strawberry, and blueberry	Aphids, Leafhoppers, Exposed Thrips	1 teaspoon	Do not apply within one day of collection. Repeat every 5-10 days or as needed.
	Imported Currant Worms, Gooseberry Fruit Worms, Raspberry Fruit Worms, Blueberry Maggots, Cherry Fruit Flies, Strawberry Root Worms (adult), Red-necked Borers, Japanese beetles, and Mites	2 teaspoons	
	Strawberry Leafrollers and Rose Chalcids	4 teaspoons	
Vegetables such as peas, bean, beet, cucumber, squash, muskmelon, potato, tomato, cabbage, spinach, lettuce, celery, asparagus, pepper, eggplant, onion, carrot and corn	Aphids, Leafhoppers, Exposed Thrips	1 teaspoon	Do not apply within one day of harvest. Repeat every 5-10 days or as needed.
	Cabbage Worms, Bean Beetles, Beet Webworms, Sod Webworms, Asparagus Beetles, Japanese Beetles, Lygus Bugs, Whiteflies, Garden Fleahoppers, Harlequin Bugs, Oblique-banded Leaf Rollers, Stink Bugs, Celery Leafhoppers, Melon Worms, Tortoise Beetles, Garden Webworms, Alfalfa Webworms and Mites	2 teaspoons	
	Colorado Potato Beetle, Cucumber Beetles, Flea Beetles, Vegetable Weevils, Squash Bugs (nymphs), Squash Vine Borers, European Corn Borers—3 to 4 applications or more as eggs start to hatch and repeated at 5 to 7 day intervals.	4 teaspoons	
Ornamentals such as Poplar, Linden, Dogwood, Willow, Birch, Boxelder, Maple, Oak, Elm, Pine, Spruce, Cedar, Yew, Spirea, Lilac, Zinnia, Aster, Petunia, Geranium, Dahlia, Gladiolus, Phlox, Sweet Pea, Marigold, Carnation, Chrysanthemum and Rose	Aphids, Leafhoppers, Exposed Thrips	1 teaspoon	Same as for vegetables above.
	Oblique-banded Leaf Rollers, Sawfly larvae, Boxelder bugs, Japanese beetles, Elm leaf beetle larvae, Mites, Lygus bugs, Lace bugs, Greenhouse Whiteflies, Stink bugs, Garden Fleahoppers, Greenhouse Leafhoppers	2 teaspoons	
	Cucumber beetles, Rose chalcids, Ants, Aster beetles, Flea beetles	4 teaspoons	

2 teaspoons/gal. = 1 qt./100 gals. treats up to 1 acre depending on density of infestation. **TO KILL LICE, FLEAS AND TICKS ON DOGS, CATS AND PREMISES:** Use outdoors, and wear rubber gloves while handling product. For lice and fleas, dilute at the rate of 1 tablespoon per gallon. For ticks, dilute at the rate of 4 tablespoons per gallon. Apply directly to animals as a spray or wash. Avoid contact with eyes, nose or mouth of animal. To prevent reinfection, thoroughly spray the animals' living quarters.

FIRE ANTS: For use in lawns, gardens, around buildings, agricultural land, golf courses, campgrounds, and recreational areas. Thoroughly mix 2-4 tablespoons in 2 gals. of water and saturate the mound and surrounding area to a 4 ft. diameter. Repeat in 7-10 days or as necessary. Treat new mounds as they appear. Application should be made as a gentle rain from a sprinkler can or using low pressure spray since pressurized sprays may disturb the ants causing migration and reducing product effectiveness.

Recommendations for use of this product are based on tests believed to be reliable. The buyer must assume all responsibility for use of this product when not used in strict accordance with directions or established safe practice, or when used under abnormal conditions not reasonably foreseeable to the seller.

Manufactured by
BONIDE PRODUCTS, INC.
 YORKVILLE, NY 13495