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4-224

3-11-1999



ROTENONE 5% INSECT CONTROL

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| ACCEPTED |
| MAR 11 1999 |
| Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. <i>4-224</i> |

Home Ornamental, Vegetable, & Home Small Fruit Gardens & Fire Ants

ACTIVE INGREDIENTS

| | |
|------------------------------------|---------------|
| Rotenone | 5.0% |
| Other Associated Resins | 10.0% |
| OTHER INGREDIENTS | 85.0% |
| TOTAL | 100.0% |

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|---|
| KEEP OUT OF REACH OF CHILDREN |
| CAUTION |
| See Left Panel for additional precautionary statements. |

EPA REG. NO 4-224

EPA Est. No. 4-NY-1

Bonide Products Inc. 2 Wurz Ave. Yorkville, NY 13495

NET WEIGHT 12 oz.

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(LEFT PANEL)

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

May be harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid inhalation of dust or spray. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse.

FIRST AID

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Call a physician or Poison Control Center. Do not induce vomiting or give anything by mouth to an unconscious person. If Inhaled: Remove victim to fresh air. Apply artificial respiration, preferably mouth-to-mouth, if indicated. If in Eyes: Flush with plenty of water. Get medical attention. If on Skin: Remove contaminated clothing. Wash skin with soap and water. Launder clothes before reuse.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to water. Runoff and drift from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

(RIGHT PANEL)

DIRECTIONS FOR USE

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

Home Ornamental, Vegetable, and Small Fruit Gardens:

Use Restrictions: For use on the vegetables, berries, small fruits, and ornamentals listed in the table below. Do not apply to food crops within one (1) day of harvest. For Home Gardens Only

Mixing Directions: Thoroughly mix amount indicated in the table below for the specific insect-crop combination. Follow spray schedule given below in kitchen tablespoons per gallon of water. Add water to powder and mix. May be applied with any hand or power sprayer. Do not apply if rain is expected shortly after application.

VEGETABLES

| CROP | INSECTS | WHEN TO TREAT | AMOUNT |
|--|---|--|--|
| Asparagus | Aphids, asparagus beetle | Apply when insects appear. Repeat as necessary | 4 rounded tbs. (1.92 oz.) per gal. of water. Spray upper and lower leaf surfaces until runoff |
| Beets, Radishes, Carrots | flea beetle, thrips, aphids, carrot rust fly | | |
| Broccoli, Brussels Sprouts, Cabbage, Cauliflower | imported cabbage worm, cabbage looper, diamond back moth, aphid | Apply when are plants three inches high. Repeat at 5 to 7 day intervals | 6 1/2 rounded tbs. (3.2 oz.) per gal. Spray upper and lower leaf surfaces until runoff |
| Tomatoes, Potatoes, Eggplant, Peppers, Pimientos, Sweet Potatoes | Colorado potato beetle, flea beetle, leafhopper, young tomato hornworm, tomato pinworm, tarnished plant bug, stink bug, aphid, thrips, whitefly, mealybug | | |
| Beans | red spider, Mexican bean beetle, leafhopper, stink bugs, tarnished plant bug, thrips, aphids, bean leaf beetle | Apply thoroughly to plants as soon as they appear above ground. Repeat at 5 to 7 day intervals | 3 rounded tbs. (1.6 oz.) per gallon of water. Spray upper and lower leaf surfaces until runoff |
| Celery | parsnip webworm, two-spotted spider mite, tarnished plant bug, carrot rust fly, aphid | | |
| Cucumber, Melon, Pumpkin, squash (Summer & Winter), Watermelon, Cantaloupe | pickleworm, melonworm, cucumber beetle, young squash bug, aphid | Apply thoroughly to plants as soon as they appear above ground. Repeat at 5 to 7 day intervals | 3 rounded tbs. (1.6 oz.) per gallon of water. Spray upper and lower leaf surfaces until runoff |
| Lettuce, Collard Kale, Mustard Greens, Spinach, Swiss Chard, Kohlrabi, Okra, Endive, Salsify | flea beetle, harlequin bug, leafhoppers, cabbage worm, looper, stink bug, thrips, white fly, lygus bug | | |
| Onions, Leeks, Garlic, Shallot | onion thrip | Apply thoroughly to plants as soon as they appear above ground. Repeat at 5 to 7 day intervals | 3 rounded tbs. (1.6 oz.) per gallon of water. Spray upper and lower leaf surfaces until runoff |
| Peas, Black-eyed Peas, Cowpeas | aphid, leafhopper, thrips | | |
| Turnips, Rutabagas, Parsnips, Horseradish | thrips, flea beetle, harlequin bug, leafhopper, lygus and stink bugs, cabbageworms, parsnip webworm | | |

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BERRIES AND SMALL FRUITS

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|--|--|---|--|
| Apples, Pears | aphid, leafhopper, tent caterpillar, European apple sawfly, Japanese beetle, pear, psylla, red spider mite, repels bagworm | Start to spray when green leaf tips appear. Repeat at 10 day intervals until bloom, and at 14 day intervals after bloom | 6½ rounded tbs. (3.2 oz.) per gal. Spray upper and lower leaf surfaces until runoff. |
| | Codling moth, apple maggot | Apply at petal fall and every 10 to 14 days thereafter until control is achieved. | |
| Peach, Apricot, Nectarine, Quince, Persimmon, Pomegranate | Codling moth | | |
| | Japanese beetle, June beetle, orange tortrix, tarnished plant bug, tussock moth, red spider mite aphid | Start to spray when green leaf tips appear. Repeat at 10 day intervals until bloom, and at 14 day intervals after bloom | |
| Cherries, Plums, Prunes | black cherry aphid, mealy plum aphid, cherry fruit fly, Japanese beetle, tent caterpillar, orange tortrix, tussock moth | | |
| | codling moth, plum curculio | Apply at petal fall and every 10 to 14 days thereafter until control is achieved. | |
| Citrus Fruit, Lemons, Grapefruit, Kumquats, Limcs, Oranges, Tangerines, Tangerines | Leafroller, orange tortrix, citrus aphid, red spider | Start to spray when green leaf tips appear. Repeat at 10 day intervals until bloom, and at 14 day intervals after bloom | 1.5 rounded tbs. (6.4 ozs.) per gal of water. Spray upper and lower leaf surfaces until runoff |
| Blackberry, Raspberry, Dewberry, Loganberry, Boysenberry, Youngberry | raspberry sawfly, red spider leaf miner, raspberry fruit worm, cane borer | A week before blossoms open, 10 days after blossoms | 5 rounded tbs. (2.4 oz.) per gal of water. Spray upper and lower leaf surfaces until runoff |
| Blueberry, Huckleberry, Grape | flea beetle, grape leaf skeletonizer, Japanese beetle, leaf hopper, rose chafer, Blueberry maggot | When insects first appear. Repeat as necessary. When most of fruit is set. | |
| Currents, Gooseberry | imported currant worm | When most of fruit is set. Repeat as necessary. | |
| | aphid, red spider | When insects first appear. Repeat as necessary. | |
| Strawberry | leaf roller, weevil, red spider | Before and after blossoming | |
| | Spittlebug | When frothy spittle masses appear. Repeat as needed. | |

ORNAMENTALS

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|-----------------|--|--|--|
| Shade Trees | red spider, flea beetle, thrips, Japanese beetle, leaf roller, birch leaf miner, lace bugs, tent caterpillar | Start to spray when green leaf tips appear. Repeat at 10 day intervals | 6½ rounded tbs. (3.2 oz.) per gal. Spray upper and lower leaf surfaces until runoff |
| Flowers, Shrubs | aphids, mites, rose cheer, Japanese beetle, flea beetle, thrips, leafhopper, red spider, and repels bugworms | Start to spray when insects appear. Repeat as necessary | 3 rounded tbs. (1.6 ozs.) per gallon of water. Spray upper and lower leaf surfaces until runoff. |

Fire Ants (Mound Treatment Only):

Use Restrictions: For use in lawns, gardens, around buildings, golf courses, campgrounds, and recreational areas.

Mixing Directions: Thoroughly mix 1 rounded tablespoon (0.5 oz.) In 2 gallons of water.

(RIGHT PANEL, CONTINUED)

Application Directions: Saturate the mound and surrounding area to a 4-ft. diameter. Application should be made as a gentle rain from a sprinkler can or using low-pressure spray since pressure sprays may disturb the ants causing migration and reducing product effectiveness.

Re-treatment: Repeat in 7-10 days or as necessary. Repeat new mounds as they appear.

STORAGE AND DISPOSAL

Storage: Store only in original container, in a dry place inaccessible to children and pets.

Disposal: Do not reuse empty container. Rinse thoroughly. Securely wrap in newspaper and discard in trash.

Recommendation 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 reasonable foreseeable to the seller.

**Manufactured by
BONIDE PRODUCTS, INC.
2 Wurz Ave.
Yorkville, NY 13495**