



MASTER GARDENER
COLORADO STATE UNIVERSITY
EXTENSION

CMG GardenNotes #103

Worksheet: Reading Pesticide Labels

Find answers to the questions from the labels provided.

1. What are the active ingredients?
2. Can I apply this product to lilacs? The plant has powdery mildew and aphids.
3. I have applied this to my cabbage crop. How long do I have to wait after the application to eat it?
4. What is the mode of action for this product?
5. Will this product harm freshwater clams?
6. What action do I take if I accidentally spill this product on my shirt sleeve?
7. How do I dispose of the empty container?
8. How should I store this product?
9. Can I use this product in my greenhouse where I grow culinary herbs for sale?



NATRRIA[®]

INSECT, DISEASE & MITE CONTROL

READY-TO-USE

*For use on Roses, Flowers, Shrubs,
Houseplants & Vegetables*

Para usaren rosas, flores, arbustos, plantas de hogar y hortalizas

- *Kills Fungus, Insects & Mites*
- *Prevents Leaf Loss Caused
by Black Spot & Rust*

KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel for additional
precautionary statements

Active Ingredients:

Sulfur	0.20%
Pyrethrins	0.01%
Other Ingredients	99.79%
Total	100.00%

NET CONTENTS 24 FL OZ (709ml)

797013496 R.1



**INSECT, DISEASE
& MITE CONTROL**
READY-TO-USE

PRECAUTIONARY STATEMENTS (cont'd)

CAUTION Hazards to Humans and Domestic Animals

- Causes moderate eye irritation. Avoid contact with eyes. Avoid contact with skin or clothing.
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID +

**IF ON
SKIN OR
CLOTHING**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**IF
IN EYES**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product, you may call toll free 1-877-229-3763 for emergency medical treatment information.

NOTICE TO BUYER: To the extent consistent with applicable law, seller warrants that this product conforms to the chemical description on this label and is reasonably fit for the purposes stated on this label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label directions, or under conditions not reasonably foreseeable to seller. To the extent consistent with applicable law, seller makes no other warranties, either expressed or implied.

Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

EPA Reg. No. 67702-15-72155
EPA Est. No indicated by 3rd and 4th digits of the
batch number on this package.
(47)=52251-OR-005 (65)=432-TX-1
(57)=071106-GA-003



Distributed by: Bayer Advanced
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P.O. Box 12014, 21st W. Alexander Drive
Research Triangle Park, NC 27709

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PRESS TO RESEAL

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RAVER
ADVANCED

NATRIA

INSECT, DISEASE & MITE CONTROL

READY-TO-USE

OPEN
Resealable Label
for Directions &
Precautions

This product controls a wide range of fungal diseases and pests. For use on roses, flowers, houseplants, ornamental trees and shrubs, fruits, nuts, and vegetables. Contact killer for both insect and mite pests. Convenient and Easy-to-use.

READ THE LABEL FIRST!



QUICK FACTS

- Controls Insects, Fungal Diseases and Mites Including Spider Mites
- For Use on Plants—Indoors & Outdoors
- Use Up to Day Before Harvest

KILLS	Ants (excluding Fire Ants, Harvester Ants, Pharaoh's Ants and Carpenter Ants), Aphids, Mites, Spider Mites, Leafhoppers, Caterpillars, Rose Slugs, Whitefly, Spittlebugs, Mealybugs, Scale, Thrips, Psyllids, Plant Bugs, Lace Bugs, Fruit Flies, and Earwigs.
FUNGAL DISEASES CONTROLLED	Blackspot, powdery mildew, rust, scab, blight, brown rot, and leaf spot.
WHERE TO USE	On roses, flowers, listed fruit and nut trees, vegetables, vine plants, ornamentals and lawns.
WHEN TO USE	When insects, insect damage, or fungal disease first appears.

For questions or comments,
call toll-free 1-877-BayerAG (1-877-229-3724)

ACTIVE INGREDIENTS:

Sulfur	0.20%
Pyrethrins	0.01%
OTHER INGREDIENTS	99.79%
TOTAL	100.00%

EPA Reg. No. 67702-15-72155

EPA Est. No indicated by 3rd and 4th digits of the batch number on this package. (47) = 52251-OR-005
(65) = 432-TX-1 (57) = 071106-GA-003

79713606d 140403AV1

FOR USE ONLY ON RESIDENTIAL LAWNS AND BARRIERS



DIRECTIONS FOR USE

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

USE PRECAUTIONS

- Some varieties of grapes and cucurbits are sensitive to sulfur and some plant damage may occur.
- Use care or do not spray on sulfur sensitive plants. If not sure, test sprays a few leaves 2 days before spraying the entire plant.

USE RESTRICTIONS

- Do not apply to strawberry fruit that will be used for canning.
- Do not wet plants to point of runoff or drip.
- Do not water the treated areas to point of runoff or drip.
- Do not make applications during rain.
- Not for use in outdoor residential misting systems.
- Do not apply more than 10 times per season.
- Do not reapply within 3 days except under extreme pest pressure.
- In case of extreme pest pressure do not reapply within 24 hours.
- Do not apply more than 1 time per day.
- Do not apply more than 1.8.5 fl. oz. per 100 square feet per application.
- Do not use if temperatures are expected to be over 90 F.
- Do not apply this product in a way that will contact adults, children or pets, either directly or through drift.
- Remove pets, birds, and cover aquariums before spraying.
- Remove or cover exposed food and drinking water before application. Preparation surfaces, or wash them before use.
- Do not apply directly to or near water, storm drains, or drainage ditches. Do not apply when windy. To prevent product runoff, do not over water treated area(s) or apply prior to heavy rainfall.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not allow adults, children or pets to enter the treated area until sprays have dried.
- Do not spray plants with this product within 21 days of an oil spray.

BEFORE YOU USE

DIRECTIONS FOR USE (cont'd)

FOR CONTROL OF FUNGAL DISEASES

Controls a wide range of fungal diseases including: black spot, powdery mildew, rust, scab, blight, brown rot, and leaf spot. Thoroughly spray all areas of the plant, especially new shoots. For best control apply as a protective spray early in the season before the diseases are noticed. Re-spray every 7 to 10 days or after rain. May be used up to day before harvest.

FOR CONTROL OF INSECTS/MITES

Controls a wide range of pests including: Ants (excluding fire ants, harvester ants, Pharaoh's ants and carpenter ants), Aphids (including Green Peach Aphid), Armyworms, Bagworms, Beet Armyworm, Beetles (including Asparagus Beetle, Bean Beetles, Blister Beetles, Colorado Potato Beetles, 12-spotted Cucumber Beetles, Cucumber Beetles, Darkling Beetles (lesser mealworm), Saw-toothed Grain Beetles, Elm Leaf Beetles, Flea Beetles, Japanese Beetles, Mexican and Bean Borer), Blow Flies, Borers (including European Corn Borer, and Squash Vine Borer), Cabbage Looper, Cabbageworms (including Cross-striped Cabbageworm and Imported Cabbageworm), Caterpillars, Caterpillars (including Eastern Tent Caterpillar, Forest Caterpillar and Tent Caterpillar), Crane Flies, Crickets, Diamondback Moth Larvae, Earwigs, Fireworms, Fungus Gnats, Fruit Flies, Glassy Winged Sharpshooter, Grape Leaf Skeletonizer, Green Fruit Worm, Harlequin Bug, Hornworms including Tomato Hornworm, Katydid, Lace Bug, Leafhoppers (including Grape Leafhopper, and Potato Leafhopper), Leafminers, Leafhoppers, Looper, Leafrollers (including Fruit Tree Leafroller), Lygus, Maggots (including Apple Maggot and Onion Maggot), Mealy Bugs, Millipedes, Mites (including Spider Mites and Clover Mite), Moths (including Arichoke Plume Moth, Codling Moth, Diamondback Moth, European Pine Tip Moth, Gypsy Moth (adults and larvae), Indian Meal Moth and Mediterranean Flour Moth), Mushroom Flies, Navel Orangeworm, Pear Psylla, Plant Bugs, Psyllids, Rose Slugs, Scale, Silverfish, Skippers, Sowbugs, Spittlebugs, Squash Bugs, Stink Bugs, Tarnished Plant Bug, Thrips (including Greenhouse Thrips, Vinegar Flies, Webworms, Weevils (including Boll Weevil, Carrot Weevil, Clover Weevil and Rice Weevil), Whitefly Thoroughly spray all areas of the plant, especially new shoots and underside of leaves. Pests need to be contacted by the spray to be controlled. For use only on residential lawns and gardens. Not for use on agricultural establishments growing agricultural crops or commodities for resale.

HOW TO USE
Shake well before using.
Do not dilute.

(cont'd)

(cont'd)

DIRECTIONS FOR USE (cont'd)		
USE SITE - INDOOR, OUTDOOR AND GREENHOUSE	PEST	DISEASE
FRUIT AND NUT TREES: Almond, apple, cherry, citrus, filbert, nectarine, peach, pear, plum, prune, walnut	ants (excluding fire ants, harvester ants, Pharaoh's ants and carpenter ants), aphids, apple maggot, beetles, mites, moths, spider mites, leafhoppers, leafrollers, leafminers, caterpillars, whitefly, springtails, mealybugs, scale, thrips, psyllids, plant bugs, fruit flies, earwigs	scab, powdery mildew, rust, blight, brown rot
VEGETABLE AND VINE PLANTS: beans, beets, blackberries, blueberries, broccoli, Brussel sprouts, cabbage, carrots, cauliflower, corn, cucurbits, cucumber, melons, pumpkins and squash), currant, gooseberries, grapes, kale, onions, peas, peppers, potatoes, raspberries, strawberries, tomatoes	ants (excluding fire ants, harvester ants, Pharaoh's ants and carpenter ants), armyworms, beetles, cabbage worms, squash vine borer, armyworms, aphids, mites, spider mites, leafhoppers, leafrollers, leafminers, loopers, onion maggots, caterpillars, whitefly, springtails, mealybugs, scale, thrips, psyllids, plant bugs, fruit fly, earwigs, weevils	powdery mildew, rust, blight, leaf spots
ORNAMENTALS: flowering plants and shrubs, woody ornamentals, roses, trees and houseplants	ants (excluding fire ants, harvester ants, Pharaoh's ants and carpenter ants), aphids, beetles, mites, spider mites, leafhoppers, leafrollers, leafminers, armyworms, loopers, caterpillars, rosehogs, whitefly, springtails, mealybugs, scale, thrips, psyllids, plant bugs, earwigs	powdery mildew, rust, blight, black spot, leaf spots
LAWNS	aphids, mites, spider mites, leafhoppers, caterpillars, beetles, springtails, thrips, earwigs	rust, leaf spot, blight, powdery mildew

STORAGE AND DISPOSAL
Store at room temperature and protect from freezing.

PESTICIDE STORAGE
Nonrefillable. Do not reuse or refill this container.

DISPOSAL AND CONTAINER HANDLING
If Empty:

- Place in trash or offer for recycling if available.
- Call your local solid waste agency or call 1-877-229-3724 for disposal instructions. Never place unused product down any indoor or outdoor.

IF PARTLY FILLED:

- Call your local solid waste agency or call 1-877-229-3724 for disposal instructions. Never place unused product down any indoor or outdoor.

PRECAUTIONARY STATEMENTS

This product is **ENVIRONMENTAL HAZARDOUS**. Do not contaminate water when disposing of equipment, washwater, or rinsate. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. See Directions for Use for additional precautions and requirements.

PHYSICAL OR CHEMICAL HAZARDS
Combustible. Do not use or store near heat or open flame.

User Safety Recommendations

- Users should wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.