



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

DEC 18 2003

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Rebecca M. Horton
Consultant and Agent for Bonide Products Inc.
913 Dominion Lane
Salem, Virginia 24153-5630

Subject: Label Amendment: 2001-1 First Aid
All Season Horticultural Spray Oil
EPA Reg. No. 4-419
Submission dated August 8, 2003

Dear Ms. Horton:

The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) The First Aid Statement under If Swallowed is incorrect for petroleum products. The statement "have a person sip a glass of water" must be replaced with "Do not give any liquid to a person"
- 2) The "Note to Physician" should be upgraded to state "Contains petroleum distillate. Do not induce vomiting since vomiting may cause aspiration pneumonia"
- 3) A formulation for the conscientious home gardner must be removed from the optional statements.

A stamped copy "accepted with comments" of the label is enclosed for your records. Please submit two copies of the final printed label for our records. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.
Insecticide-Rodenticide Branch
Registration Division (7505C)

[FRONT PANEL]



ALL SEASONS[®] HORTICULTURAL SPRAY OIL Ready to Use

This product is intended for small garden use only.

Optional Marketing Statements:

Use Indoors and Out

Use Year Round

Kills Insects by Smothering.

Kills all Stages of Insects Including Eggs

A Formulation for the Conscientious Home Gardner.

For Use on Listed Fruits - Nuts - Vegetables - Shadetrees - Evergreens - Ornamentals - Flowers - Houseplants

Kills Troublesome Insects such as Scale, Fungus Gnats, Aphids, Whitefly, Mites, Thrips, Mealybugs, Leafminers

May be Used up to the Day of Harvest

**ACCEPTED
with COMMENTS
In EPA Letter Dated
DEC 18 2003**

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

4-419

ACTIVE INGREDIENT:

Petroleum oil (Superior Paraffinic type U.R. Min. 92%) 2.00%

OTHER INGREDIENTS:..... 98.00%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

(See back/side/other panel(s) for additional Precautionary Information)

NET CONTENTS: _____ oz.

[BACK PANEL (BOOKLET)]

All Seasons[®] Horticultural Spray Oil RTU

CONTROLS: Scale insects, Fungus Gnats, Thrips, Mealybugs, Apple Aphids, European Red Spider Mites, Leafminers, and many more...

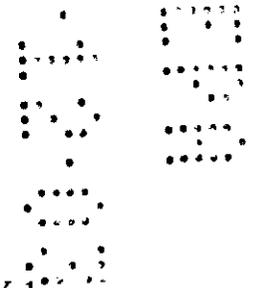
USE on Listed Fruits, Nuts, Vegetables, Roses, Flowers, Houseplants and in Home Greenhouses.

Read and use according to application directions.

Store and transport in an upright position.

Buyer's Guarantee limited to label claims

**Manufactured by
BONIDE PRODUCTS, INC
Oriskany, NY 13424**



DIRECTIONS FOR USE

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

NOTE: DO NOT APPLY ALL SEASONS® HORTICULTURAL SPRAY OIL WITH SULPHUR SPRAYS OR WHERE SULPHUR IS ON THE FOLIAGE, TO DO SO MAY CAUSE FOLIAGE INJURY, LEAF DROP. DO NOT APPLY SPRAY OIL AT TEMPERATURES (ABOVE 90°F) OR WHEN PLANTS ARE DRY (SUFFERING FOR WANT OF MOISTURE) AS IT MAY CAUSE LEAF DROP DUE TO "SHOCK".

ALL SEASONS® Horticultural Spray Oil is a highly paraffinic oil, with emulsifier, spreader, and sticker. It envelops and smothers eggs & insects on listed fruit trees, shade trees, vegetables, ornamentals, shrubs, and roses. All Seasons may be applied up to the day of harvest.

FOR FRUIT TREES, CITRUS, EVERGREENS, AND SHRUBS - To control Thrips, Adelgids, Leafhopper, Scale Insects, European Red Spider Mites, Mealybugs and Whitefly Larvae on Citrus (Oranges, Lemons, Grapefruit, Tangerines, Limes), Fruit Trees (Apples, Plums, Pears, Apricots, Peaches, Pecans, Cherries), Shade Trees, Evergreens, Camellias, Azaleas, and Hardy Shrubs; SHAKE WELL. Apply enough liquid to wet entire surface of plant. Give special attention to undersides of limbs and foliage. Make application when the temperature is above 40°F. This application is also effective in the removal of sooty mold fungus through the control of Whitefly Larvae.

VEGETABLES

CROP	PEST	Comments
Asparagus, Beans, Beets, Corn, Cucurbits, Peppers, Radish, Squash, Tomato	Aphids, Mites, Beetle Larvae, Leafminers, Thrips, Leafhopper, Whitefly	SHAKE WELL. Apply enough liquid to wet entire surface of plant. Give special attention to underside of limbs. Make application when the temperature is above 40°F. **Repeat as needed

HOUSEPLANTS

CROP	PEST	Comments
Chrysanthemum, Dieffenbachia, Dracaena, Ferns, Gardenias, Jade plant, Palms, Philodendron	Aphids, Leafminers, Mealybugs, Scales, Spider Mites, Whitefly*	SHAKE WELL. Apply enough liquid to wet entire surface of plant. Giv special attention to underside of limbs. Make application when the temperature is above 40°F **Repeat as needed

*ALL SEASONS HORTICULTURAL SPRAY OIL is most effective on Whitefly during immature states.

**CAUTION: Do not exceed 3 consecutive applications without allowing a two week application interval.

Protect floor, floor coverings and furnishings from overspray.

HOME GREENHOUSE

CROP	PEST	COMMENTS
Azaleas, Begonias, Camellias, Chrysanthemum, Easter Lilies, Ferns, Gardenias, Geranium, Hibiscus Foliage, Jade plant, New Guinea Impatiens, Palms, Philodendron, Portulaca, Reigor Begonias, Zinnias	Aphids, Fungus Gnat, Leafminers, Mealybugs, Scales (soft & hard), European Red Spider Mites, Whitefly.*	Do not use on Coconut Palms or Maidenhair Ferns. The blooms of Chrysanthemum and Geranium have shown Phytotoxic symptoms. Frequency of Application: For the greenhouse pests listed, use once a week initially, then as the pest is controlled, decrease the frequency to every 2-3 weeks as needed.

*ALL SEASONS HORTICULTURAL SPRAY OIL is most effective on Whitefly during immature states.

FOR ALL APPLICATIONS:

- Do not exceed the maximum rates or apply more often than recommended.
- Certain plant species may be sensitive to oil. A small number of plants or branches should be test sprayed prior to general spraying.
- Use caution on open blooms - bleaching and spotting have been observed on the open blooms of certain plants.

CAUTION: Do not spray drought injured or winter burned plants. Do not apply oil sprays within 30 days of sulphur applications. Injury may result if oil sprays are used on ferns, palms, hibiscus, certain conifers including blue spruce, white pine, arborvitae and junipers, and certain deciduous trees such as Japanese maple, beech, hickory, walnut, and butternut.

Shake occasionally to keep solution agitated.

STORAGE AND DISPOSAL

Storage: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets. Keep container tightly closed to prevent evaporation. Do not use, pour, spill or store near heat or open flame.

Disposal: *If empty* – Do not reuse this container. Place in trash or offer for recycling if available. *If partly filled* – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

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ENVIRONMENTAL HAZARDS
 This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on the label.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency medical treatment information.	
If Swallowed:	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on Skin or Clothing:	<ul style="list-style-type: none"> • 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 Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If in Eyes:	<ul style="list-style-type: none"> • 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.
NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard.	

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents, call the National Pesticide Telecommunications Network at 1-800-858-7378.

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