

ORTHO® VOLCK® Oil Spray - EPA Reg. No. 239-16

ABN: ORTHO Volck Oil Spray Dormant Season Insect Killer Concentrate

[ICON] OUTDOOR USE ONLY

Controls Scale Insects, Mealybugs, Whiteflies, Red Spider Mites and Certain Other Garden Pests

For Use Against Scale Insects, Red Spider Mites, Mealybugs, Whiteflies, and Certain Other Garden Pests

Acts as Excellent Leaf Polish

DORMANT & GROWING SEASON INSECT SPRAY

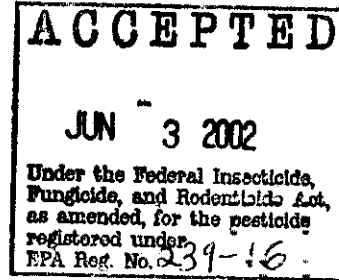
Insect Spray for Dormant & Growing Season

A HIGHLY REFINED OIL SPRAY INSECTICIDE

Kills Insects Year-Round On Roses, Shrubs & Trees

Kills Mites, Scales, Mealybugs & Whiteflies

Destroys Over-Wintering Insects & Their Eggs



For home use only

Active Ingredient

Petroleum Oil*.....97%

Other Ingredients..... 3%

*(Pet. Oil-Min. U.R. 91%-Class Lt.- Med.)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid inhalation of vapors or spray mist. Wash hands after use. Avoid eye contact. This material contains light hydrocarbon liquid and an aspiration hazard may exist.

FIRST AID: If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. 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.

Note to Physicians: Emergency Information call 1-800-225-2883. This product contains petroleum distillate. Do not induce vomiting-vomiting may cause aspiration pneumonia.

NET 1 GAL

NET 16 FL OZ (1 PT) 473 mL

Dormant & Growing Season Insect Spray

Control Scale Insects, Mealybugs, Whiteflies, Red Spider Mites and Certain Other Garden Pests.

Peel open for use directions and further information.

Tsp = teaspoon
 Tbs = Tablespoon
 2 Tbs = 1 fl oz
 4 fl oz = 1/2 cup

[corner flap]

OPEN

Resealable Label

for Directions

& Precautions

PRESS TO RESEAL [Place along side of booklet or base of label.]

[DNS icon] Easy to apply with an Ortho Dial 'n Spray®, hose-end or tank sprayer.

Product Facts	
KILLS INSECTS	<ul style="list-style-type: none"> • Spider mites, scales, mealybugs, whiteflies, hemlock woolly adelgids & lacebugs • Insect eggs † • Plus controls sooty mold
WHERE TO USE	On conifers, roses, shrubs & trees ‡
AMOUNT TO USE	<ul style="list-style-type: none"> • Growing Season: 2 1/2 fl oz (5 Tbs) per gallon of water • Dormant Season: 5 1/3 fl oz (10 2/3 Tbs) per gallon of water
☎ call 1-800-225-2883	Questions, Comments or Medical Information www.ortho.com

† including codling moth, gypsy moth, oak moth, spider mite & tent caterpillar eggs

‡ including apples, apricots, cherries, peaches, pears, plums & citrus (grapefruits, lemons, limes, oranges & tangerines)

Specially formulated for residential use.

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

ALTERNATE USE DIRECTIONS TEXT

MIXING INSTRUCTIONS
DURING GROWING SEASON [tree with leaves illustration]
Amount to Use: 2 1/2 fl oz (5 Tbs) per gallon of water [DNS icon] When using Ortho Dial 'n Spray®:

Set dial to 2½ oz.

Pour product into sprayer to fill jar one-quarter to one-half full. DO NOT add water.

After spraying, unused product can be poured back into its original container.

DURING DORMANT SEASON [*deciduous tree illustration*]

Amount to Use: 5 1/3 fl oz (10 2/3 Tbs) per gallon of water

[DNS icon] When using Ortho Dial 'n Spray®:

Set dial to 5 1/3 oz.

Pour product into sprayer to fill jar one-quarter to one-half full. DO NOT add water.

After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

HOW TO APPLY

Use a tank, Ortho Dial 'n Spray® or other hose-end sprayer.

Spray to uniformly cover all upper and lower leaf surfaces, stems, branches, and trunk.

WHEN TO APPLY

Spray when air is calm to avoid drift.

Spray when temperature is above 40°F but below 85°F.

If temperature is expected to exceed 85° F spray in early morning or late afternoon when it is cooler.

Growing Season [*tree with leaves illustration*]

Spray when insects are present or feeding injury is first noticed.

Spray up to 4 times, waiting 2 weeks between each application.

Additional Tips

Growing season is year-round for some shrubs and trees, such as citrus.

Spray azaleas and camellias between spring and fall blooms.

During the growing season do not apply to foliage within 30 days before or after using products containing sulfur, lime-sulfur or captan.

Dormant Season [*deciduous tree illustration*]

Spray dormant shrubs and trees once in late winter or early spring.

Additional Tips

Roses and other deciduous shrubs and trees are dormant after they shed all of their leaves.

Conifers do not shed all of their needles but are usually dormant after the first deep frost.

WHEN TO HARVEST

Listed fruit trees may be sprayed up to the day of harvest.

IMPORTANT

DO NOT use on maidenhair ferns, red maples, Japanese maples or non-woody plants unless otherwise specified. Volck® Oil Spray may cause discoloration to blue spruce.

COMBINATION SPRAYS

With Ortho Dormant Disease Control Lime-Sulfur Spray

For deciduous (no leaves in winter) shrubs and trees including roses, apples, cherries, peaches, pears and plums to control black scale, oyster shell scale, rose scale, San Jose scale, insect eggs and many over-wintering plant diseases:

Use 2 1/2 fl oz (5 Tbs) Volck Oil Spray plus 2 1/2 fl oz (5 Tbs) Dormant Disease Control per gallon of water. Agitate sprayer often while spraying. Spray only during the dormant season after all leaves are shed. Follow all precautions and directions on both product labels.

With Ortho Malathion 50 Plus® Insect Spray

For avocados, citrus (grapefruits, lemons, limes and oranges), gardenias and ixora to control aphids, mealybugs, scales, spider mites, thrips, whiteflies and sooty mold:

Use 1/2 fl oz (1 Tbs) Volck Oil Spray plus 1/2 fl oz (1 Tbs) Malathion 50 Plus® Insect Spray per gallon of water. Spray when insects are present or feeding injury is first noticed but NOT during full bloom or within 7 days of harvest. Follow all precautions and directions on both product labels.

ADDITIONAL USES

Palm Trees (except coconut palms)

To control mealybugs, scales and spider mites:

Use 1 1/2 fl oz (3 Tbs) per gallon of water.

Leaf Polish For Houseplants:

Use 1 1/2 fl oz (3 Tbs) per gallon of water.

Home Greenhouses (not for commercial use)

For shrubs including azaleas, camellias and gardenias to control mealybugs, scales, spider mites and whiteflies:

Use 1 fl oz (2 Tbs) per gallon of water. Spray up to 3 times, waiting at least 60 days between each application.

[reentry icon] People and pets may enter treated area after spray has dried.

HOW IT WORKS

Kills insects by suffocating multiple stages of mealybugs, scales, spider mites, tent caterpillars, whiteflies and other common insects. This promotes long-term control of insects in dormant and growing seasons without frequent applications. Volck Oil Spray also makes leaves shine!

Shake well before using. Spray all parts of plants thoroughly. Make new dilution for each use.

Do not use VOLCK® Oil Spray on foliage within 30 days before or after using sulfur. Avoid spraying when temperature is excessively high or when plants are suffering from drought. Oil sprays should not be applied to broadleaved evergreens or palms when freezing or near freezing temperatures may be expected. Do not use on Maidenhair Ferns, Cocos Palms, Red Maple, etc., or non-woody plants unless specified. VOLCK Oil Spray may cause discoloration to Blue Spruce.

FOR DORMANT USE - To control Scale insects, Red Spider Mites, and Mealybugs on Dormant Shrubs, Evergreens), Woody Plants, Fruit Trees (Apples, Plums, Pear, Apricots, Peaches, Cherries) and Shade Trees: Use 1.5 1/3 oz. per gal water.

GROWING SEASON - To control Scale Insects, Red Spider Mites, Mealybugs and Whitefly Larvae on Citrus (Oranges, Lemons, Grapefruit, Tangerines, Limes), Fruit Trees (Apples,

Plums, Pears, Apricots, Peaches, Cherries), Shade Trees, Evergreens, Camellias, Azaleas, Hardy Shrubs: Use 5 Tbs (2½ oz) per gal water. This application effectively removes sooty mold fungus through the control of Whitefly Larvae.

COMBINATION WINTER SPRAY

FRUIT TREES (Apples, Plums, Pears, Apricots, Peaches, Cherries), ROSES AND ORNAMENTALS (Dormant, deciduous only) - To control San Jose Scale, Rose Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, and Overwintering Insect Eggs: Use 5 Tbs VOLCK Oil Spray and 5 Tbs ORTHO Dormant Disease Control in 1 gal water. Shake often during spraying. Note precautions on ORTHO Dormant Disease Control label before use.

COMBINATION WITH ORTHO MALATHION PLUS® 50 Insect Spray on Citrus, Avocados, Mangoes, Gardenias and Ixora to control of Scale Insects, Red Spider Mites, Mealybugs, Whiteflies, Aphids, Thrips and for the removal of Sooty Mold Fungus through control of Whitefly Larvae - Use 1 Tablespoonful of VOLCK Oil Spray and 1 Tablespoonful ORTHO MALATHION 50 PLUS® Insect Spray for each gal of diluted spray. May be applied on Avocados up to within 7 days of harvest; to Grapefruit, Lemons, Limes and Oranges up to within 7 day of harvest, but not during full bloom, and to Mangoes up to within 2 days of harvest.

OVICIDE: Helps to destroy insect eggs such as Red Spider Mite Eggs, Oak Moth Eggs and Codling Moth Eggs.

AS A LEAF POLISH - To brighten leaves of hardy house plants - Use 3 Tbs (1½ fl oz) per gal water.

HOME GREENHOUSES: To control Scale Insects, Red Spider Mites, Whitefly, Mealybugs on Hardy Shrubs, Gardenias, Camellias and Azaleas - 2 Tbs (1 fl oz) per gal water. Allow 60 days between oil sprays and limit to 3 applications per year.

PALM TREES: Scale Insects, Mealybugs, Red Spider Mites - Use 3 Tbs (1½ oz) per gal water. Note Caution.

AZALEAS, CAMELLIAS: Scale Insects, Red Spider Mites, Mealybugs, Whitefly Larvae, Lace Bug Larvae - Use 5 Tbs (2½ oz) per gal water. Apply in spring after blooming and in fall prior to blooming.


STORAGE original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray.

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.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

NOTICE: Buyer assumes all risks of use, storage or handling of this product in accordance with directions.

 call 1-800-225-2883	Questions, Comments or Medical Information www.ortho.com
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Manufactured for
The ORTHO Group
P.O. Box 1749
Columbus, OH 43216
EPA Reg. No. 239-16
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA