

6218-71

03-08-2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

MAR 8 2011

Mr. Jonathan S. Cohen, President
Summit Chemical Co.
d/b/a Summit Responsible Solutions
235 South Kresson Street
Baltimore, MD 21224

5891571 589941
116/1155 116/1135
5891569
116/1135

Subject: SUMMIT YEAR-ROUND SPRAY OIL
EPA Registration No. 6218-71
Amendment Applications Submitted on February 8, 2011, March 1, 2011,
and March 3, 2011

Dear Mr. Cohen:

The proposed revised labels submitted via e-mail for this product on February 8, 2011, and March 1, 2011, are not accepted. Via e-mail message on February 23, 2011, and March 2, 2011, we noted some problems with those labels.

The labeling submitted on March 1, 2011, is accepted. This amended labeling supersedes all previously accepted labels.

Submit one (1) copy of final printed labeling incorporating the above changes before you release the product for shipment. Note that the signal word and child hazard statements meet or exceed the requirements for print size that are summarized in an enclosure included with this letter.

A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 18 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new labeling.

If you have any questions, please contact Dr. William Jacobs at 703-305-6406 or Jacobs.bill@EPA.gov.

Sincerely,

A handwritten signature in black ink that reads "Venus Eagle".

Venus Eagle
Product Manager 01
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

MASTER LABEL

Year-Round® Spray Oil

Sub-Label A: For residential use sites only

Sub-Label B: For agricultural and commercial use sites

Active Ingredient...Mineral Oil.....	98.8%
Other Ingredients.....	1.2%
Total.....	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

EPA Registration No. 6218-71
EPA Establishment No. 6218-MD-2

Manufactured By:
Summit Chemical Company
235 South Kresson Street
Baltimore, MD 21224-2616

Net Contents: 8oz. to 250 gallons

ACCEPTED
MAR 8 2011
Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:
6218-71
EPA. Reg. No. _____

received 3/3/11

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**Sub-label A:
For residential use
sites only**

Summit®... responsible solutions.

Year-Round® Spray Oil



FOR ORGANIC GARDENING

For Residential Use Sites Only.

Not for Use in Commercial Agricultural Sites.

Kills Garden Insects

Use up to the Day of Harvest **OMRI**
Listed

KILLS: Whitefly, Aphids, Spider Mites, Mealybug, Scale, Mites, Thrips, Fungus Gnats & other insects as listed.

USE ON: Fruits & Vegetables, Flowers, Ornamentals, Trees & Shrubs as listed in the booklet labeling.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See booklet for additional precautions.

EPA Reg. No. 6218-71 EPA Est. No. 6218-MD-2

ACTIVE INGREDIENT.....Mineral Oil 98.8%

OTHER INGREDIENTS..... 1.2%

Contains petroleum distillate
7.05 lbs. of ingredients per gallon

Net Contents: 1 Qt. Makes 25 Gallons

All information from this point on is contained in the booklet.



4.00"

FOR RESIDENTIAL AND HOME GARDEN USE ONLY. NOT FOR COMMERCIAL AGRICULTURAL USE, INCLUDING COMMERCIAL NURSERIES AND GREENHOUSES.
CAUTION: KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS: Avoid contact with eyes, skin and clothing. Additional precautionary statements are contained in this booklet. Harmful if swallowed. Avoid breathing of spray mists or vapors. Wash hands after use. Avoid contamination of feed or foodstuffs. Wear long sleeved shirt, long pants, shoes and socks.

FIRST AID

<p>If Inhaled</p> <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. <p>If in eyes</p> <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 	<p>If on skin or clothing</p> <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. <p>If swallowed</p> <ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • 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. • Do not give any liquid to a person.
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HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-227-8664 for emergency medical treatment information.

NOTE TO PHYSICIAN: CONTAINS PETROLEUM DISTILLATE; VOMITING MAY CAUSE ASPIRATION PNEUMONIA.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

PHYSICAL OR CHEMICAL HAZARDS

Avoid contact with powerful oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite and calcium hypochlorite.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in a cool, dry place. Do not store near heat or open flame.

PESTICIDE DISPOSAL: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

IF EMPTY: Non-refillable container. Do not reuse this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

BATCH CODE/LOT IS IMPRINTED ON CONTAINER

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not enter or allow others to enter treated areas until sprays have dried.

USE PRECAUTIONS

Do not spray plants suffering from drought (moisture stress). Do not apply during periods of prolonged high temperature combined with high relative humidity. Do not use this insecticide with dimetholate, herbicides or fungicides such as Captan, Folpet, Dyrane, Karathene, Morestan or any product containing sulfur. Do not use with Sevin 50w formulation (carbaryl) on deciduous fruit trees. Keep spray equipment used for these other products separate from the equipment used for this insecticide or make sure the sprayer is thoroughly cleaned so that no residue from these other products remain. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried.

MIXING DIRECTIONS

Make sure the spray equipment to be used is clean dry and odor free.

1. Fill the spray tank or bottle 3/4 full water.
2. Shake the container of YEAR-ROUND SPRAY OIL vigorously prior to measuring out the desired amount. Add the appropriate amount of the insecticide to the water and shake.
3. Fill the remaining 1/4 of the spray tank or bottle with water and shake again. The solution should look milky, if it doesn't, do not use it.
4. During application shake the solution frequently. Do not apply to plants if the solution has been sitting for more than 10 minutes. Shake it before resuming application.
5. Do not premix this insecticide. Mix just enough for the immediate use.
6. 2 tablespoons = 1 fluid ounce 4 tablespoons = 1/4 cup = 2 fluid ounces.

APPLICATION INSTRUCTIONS

- The best times to spray are early evening and early morning.
- Completely cover the target pest and plant with spray solution.
- Do not exceed the maximum rates or apply more than specified.
- Certain plants may be sensitive to oil. A small number of plants should be test sprayed prior to general spraying.
- Use caution on open blooms - bleaching and spotting have been observed on the open bloom of certain plants.
- May be used up to day of harvest.

TABLE 1A - FRUIT TREES

CROP	PEST	OUNCES PER GAL. OF WATER	TIME OF APPLICATION (Stage of Development)
Apples	Aphids (eggs) / Apple Red Bug / Mites (eggs) including European Red Mites / Scales (hard, soft) / Sourly Scale / Fruit Tree Leaf Roller (eggs)	2.5-3.75	Dormant or Delayed Dormant to 1/2" Green
	Mites	1.25	Summer (foliar or cover or Postharvest). Do not apply over fruit after waxy bloom forms.
Pears	European Red Mite (eggs) / Pear Leaf Blister Mite (eggs) / Pear Psylla, Scales / Fruit Tree Leaf Roller (eggs)	2.5-3.75	Dormant or Delayed Dormant (up to an including petal fall)
	Two-Spotted Spider Mite / Brown Mite / Pear Rust Mite / Pear Leafblister Mite / Pear Psylla	1.25-2.5	Summer (foliar or cover) or Postharvest

TABLE 1B - FRUIT TREES

CROP	PEST	OUNCES PER GAL. OF WATER	TIME OF APPLICATION
Almonds/ Apricots/ Cherries	Aphids (eggs) / Fruit Tree Leaf Roller (eggs) / Tent Caterpillars / San Jose Scale	2.5-3.75	Dormant or Delayed
	Mites and Scales	1.25-2.0	Summer (foliar or cover) or Postharvest- Application should not be made on oil sensitive varieties. Do not apply to trees lacking adequate moisture.
Peaches/ Nectarines	Aphids (eggs) / Fruit Tree Leaf Roller (eggs) / Mites (eggs) / Peach Twig Borer (hibernacules) / Comby Peach Scale / San Jose Scale	2.5-3.75	Dormant or delayed Dormant.
	Mites / Scales (immature)	1.25-2.5	Summer (foliar or cover) or Postharvest.
Plum / Prune	Aphids (eggs) / Scales / Mites (eggs)	2.0-2.5	Dormant or Delayed Dormant to 1/2 green tip
	Mites / Scales	1.25-2.0	Summer (foliar or cover) or Postharvest. Do not apply over certain fresh market fruits after bloom starts to form as the oil spray will remove the waxy bloom. Application should not be made over oil sensitive varieties.
Pecans	Aphids (eggs) / Scales / Mites (eggs)	3.75	Dormant
	Aphids / Mites	1.25-2.0	Summer (foliar or cover) or Postharvest

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TABLE 1C - Citrus Trees

CROP	PEST	OUNCES PER GAL OF WATER	COMMENTS
Lemon and Grapefruit	Mites / Scales including California Red Scale	1.25-2.0	For enhanced efficacy and less damage to plants, spray during Fall, early Winter and Spring months when Red Scale are more easily controlled and trees are generally less reactive to oil. For all Citrus oil sprays, ensure adequate moisture, leaves should not wilt before noon.
Naval and Valencia	Mites including: Rust Mite / Spider Mite	1.25-2.0	Oils applied after Oct., may increase cold damage to trees. Oils applied in Aug. and Sept. may affect solids content and retard coloring.
Oranges, other Citrus	Scales including: Black Scale / California Red Scale / Whitefly and Blackfly / Sooty Mold		



TABLE 2 - SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER & FOLIAGE PLANTS, CONIFERS

TREE OR PLANT	PEST	OUNCES PER GAL OF WATER	TIME OF APPLICATION
Shade Trees* dormant, and shrubs conifers, Deciduous Broadleaf Evergreens & Woody Ornamentals, Ornamental Trees*	Aphids / adelgids / Eriophyid Mites / Gall Mites / Lace Bugs / Leaf Beetle Larvae / Leafminer	2.5-5.0	Winter Dormant Period as needed
Shrubs including: Conifers Deciduous Broadleaf Evergreens	Mealybugs / Psyllids (Immature) / Sawfly Larvae / Scales (Immature) / Spider Mites Whitefly**	1.25-3.75	Summer (Foliar or Cover) as needed
Flowering & Foliage Plants including: Roses and other flowering Shrubs & Bedding Plants		2.5-3.75	Winter Dormant Period as needed
Foliage Ornamentals & Plants		1.25-2.5	Summer (Foliar or Cover) as needed

* Oil removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Always use lower dosage or test spray oil sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity; Red Cedar and Douglas Fir. Do not spray walnut foliage.

**Most effective on Whitefly during immature stages

Up to 4 applications during the growing season typically are sufficient to control the claimed pests.

RESTRICTIONS: Use a 2-week interval between applications. Do not spray when buds have fully opened and shoot elongation is occurring. For fall dormant applications, do not exceed a rate of 2.5 ounces per gallon and limit uses only to: American Red Oak, Japanese Black Pine, Dogwood, Weeping Cherry, Cornelian Cherry, Crabapple, Norway Maple, and Purple Leaf Plum.

TABLE 3 - SMALL FRUITS

CROP	PEST	OUNCES PER GAL OF WATER	TIME OF APPLICATION
Blueberries	Mites / Sawfly (eggs) / Scales	3.75 / 2.5	Dormant / Summer
Strawberries	Aphids / Mites	1.25	Dormant and summer
Grapes	Mealybugs	1.25-2.5	Dormant - A tank mix with an insecticide labeled for use on grapes may improve control.



TABLE 4 - VEGETABLES

CROP	PEST	OUNCES PER GAL OF WATER	TIME OF APPLICATION
Beans / Corn / Pepper / Squash / Tomatoes / Asparagus / Beets / Cabbage / Cauliflower Cucurbits / Eggplant / Lettuce / Melons / Potatoes / Radishes	Aphids / Mites / Beetle Larvae / Leafminers / Thrip / Leafhopper / Whitefly	1.25-2.5	As needed

TABLE 5 - HOBBY GREENHOUSE

CROP OR PLANT	PEST	OUNCES PER GAL OF WATER	SPECIFIC COMMENTS
Azaleas / Begonia / Camellia / Palms Chrysanthemum / Dieffenbachia or Maidenhair fern / Easter Lily / Fern / Gardenia / Geranium / Hibiscus Foliage / Jade Plant / New Guinea Impatiens / Palms / Philodendron / Poinsetia Portulaca / Reiger Begonia / Zinnias	Aphids / Fungus Gnats / Leafminers / Mealybugs / Scales (Soft & hard) / Spider	1.25-2.5	Do not use on Coconut
Dieffenbachia / Poinsettias Leaf Polish for Hardy Plants		1.25 / 1.25	Do not use on Poinsettia Bracts

FREQUENCY OF APPLICATION: For the greenhouse pests listed, use once a week initially. As the pest is controlled decrease the frequency to 2-3 weeks as needed. Application safety during bloom period should be determined for each individual plants to be treated by conducting a small test.

** Most effective on whiteflies during immature stages.



TABLE 6 - INTERIOSCAPES

PLANT	PEST	OUNCES PER GAL OF WATER	SPECIFIC COMMENTS
Chrysanthemum / Dieffenbachia / Dracaena / Fern / Ficus / Gardenia / Scales Mealybugs / Jade Plant / Palm / Philodendron /	Aphids / Leaf miners / Spider Mites / Whitefly Schettlera	1.25	Do not apply to plants in direct sunlight behind glass. Do not use on Coconut Palms and Maidenhair Ferns. Chrysanthemum blooms have shown phytotoxic symptoms at a higher rate.

Applicator should conduct a test for phytotoxicity by treating a few specimens before making a large scale application. Protect floor, floor coverings and furnishings from spray.

RESTRICTION: Do not exceed 3 consecutive applications without allowing a 2-week application interval.



OTHER USES

Figs: Dormant or delayed dormant Fig Scale-Use 3.75 oz. in 1 gal water as a foliar spray. Mites, Mealybug, Scale-Use 2.5 oz. per 1 gal. water.
Olives: Postbloom through August and postharvest: Scale-Use 2.0 oz. of spray oil per 1 gal water.
Banana: Use as needed to control Yellow Sigatoka Disease-Use 1.25-2.0. of spray in 1 gal water. This application is also effective in loosening sooty mold fungus and in preventing its formation by the control of Aphids, Mealybug, Scales and Whitefly.

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2.50"
2.50"
2.50"

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per
EPA3/11

Pool Open for Instructions ▼

SUMMIT RESPONSIBLE SOLUTIONS® IS A REGISTERED TRADEMARK OF SUMMIT CHEMICAL CO.,
BALTIMORE MARYLAND

Note: THIS PESTICIDE IS TO BE SOLD ONLY IN THIS ORIGINAL UNBROKEN CONTAINER.

LIMITED WARRANTY AND LIABILITY

This product conforms to the description and is suitable for the uses set forth on this label but is strictly limited to these uses solely as directed under the specified label condition, and only if purchased in the original unopened container. To the extent consistent with applicable laws, seller disclaims any and all other warranties, express or implied, including but not limited to those relating to merchantability and fitness for particular purpose. Buyer and all users shall assume all risk; liability and damage if this product is used, stored, handled or applied other than as specifically set forth on this label. To the extent consistent with applicable laws, seller's liability and buyer's or user's remedies shall be limited to refund of the purchase price or replacement of the specific quantity involved. To the extent consistent with applicable laws, in no event shall seller be liable for special, incidental or consequential damages.

Summit Responsible Solutions® 235 S. Kresson St. Baltimore, MD 21224

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**Sub-label B:
For agricultural and
commercial sites**

Summit® ... responsible solutions.

Year-Round® Spray Oil
FOR ORGANIC PRODUCTION

Kills Garden Insects

Use up to the Day of Harvest **OMRI**
Listed

KILLS: Whitefly, Aphids, Spider Mites, Mealybug, Scale, Mites, Thrips, Fungus Gnats & other insects as listed.

USE ON: Fruits & Vegetables, Flowers, Ornamentals, Trees & Shrubs as listed in the booklet labeling.

KEEP OUT OF REACH OF CHILDREN

CAUTION

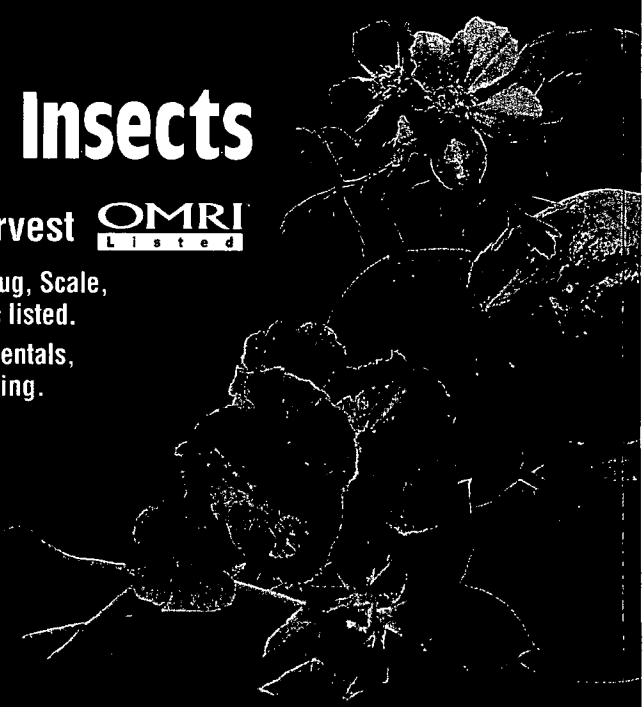
See booklet for additional precautions.

EPA Reg. No. 6218-71 EPA Est. No. 6218-MD-2
ACTIVE INGREDIENT.....Mineral Oil 98.8%
OTHER INGREDIENTS..... 1.2%

Contains petroleum distillate
7.05 lbs. of ingredients per gallon

Net Contents: One Gallon

All information from this point on is contained in the booklet.



FIRST AID

If inhaled

- 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

- 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.

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 swallowed

- Call a poison control center or doctor for treatment advice.
- 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.
- Do not give any liquid to a person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-227-8664 for emergency medical treatment information.

NOTE TO PHYSICIAN: CONTAINS PETROLEUM DISTILLATE; VOMITING MAY CAUSE ASPIRATION PNEUMONIA.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes, on skin, or clothing. Avoid breathing spray mist.

PHYSICAL OR CHEMICAL HAZARDS

Avoid contact with powerful oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, and calcium hypochlorite.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on the EPA chemical resistance category selection chart. Applicators and other handlers must wear: A) long-sleeved shirt, B) long pants, C) shoes plus socks, and D) chemical-resistant gloves made of barrier laminate, nitrile rubber, butyl rubber, neoprene, or viton. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then, wash thoroughly and put on clean clothing.
- Remove PPE immediately after using this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Aerial application of this product is prohibited. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements in this labeling about personal protective equipment and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow workers' entry to treated areas during the restricted-entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated is: coveralls, shoes plus socks, and chemical-resistant gloves made of any water-resistant material.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box pertain to uses of this product that are NOT within the scope of the Worker Protection Standard of Agricultural Pesticides. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter until sprays have dried.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (e.g., ground) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product. **Wind Speed:** Do not apply at wind speeds greater than 15 mph at the application site. **Temperature Inversions:** If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversion or stable atmospheric conditions. **Droplet Size:** Apply as medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

GROUND APPLICATIONS

Release Height: Apply using a nozzle height of no more than 4 feet above the ground or canopy. **Wind Speed:** Do not apply at wind speeds greater than 15 mph at the application site. **Droplet Size:** Apply as medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

AIRBLAST APPLICATIONS

For airblast applications, turn off outward-pointing nozzles at row ends and when spraying outer row. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

USE PRECAUTIONS

Do not spray plants suffering from drought (moisture stress). Do not apply during periods of prolonged high temperature combined with high relative humidity. Do not use this insecticide with dimethoate, herbicides or fungicides such as Captan, Folpet, Dyrene, Karathene, Moresstan or any product containing sulfur. Do not use with Sevin 50w formulation (carbaryl) on deciduous fruit trees. Keep spray equipment used for these other products away from the equipment used for this insecticide or make sure the sprayer is thoroughly cleaned so that no residues form these other products remain.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Storage and Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakage, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste. **Pesticide Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility. **Container Disposal:** For Containers equal to or less than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat the procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. For Containers greater than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. For Bulk containers: (Refillable Container) Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times. If recycling is not available, then dispose of container in sanitary landfill.

MIXING DIRECTIONS

Make sure the equipment to be used is clean dry and odor free.

1. Fill the spray tank or bottle 3/4 full water.
2. Shake the container of YEAR-ROUND SPRAY OIL vigorously prior to measuring out the desired amount. Add the appropriate amount of the insecticide to the water and shake.
3. Fill the remaining 1/4 of the spray tank or bottle with water and shake again. The solution should look milky, if it doesn't, do not use it. 4. During application shake the solution frequently. Do not apply to plants if the solution has been sitting for more than 10 minutes. Shake it before resuming application. 5. Do not premix this insecticide. Mix just enough for the immediate use. 6. 2 tablespoons = 1 fluid ounce 4 tablespoons = 1/4 cup = 2 fluid ounces.

APPLICATION INSTRUCTIONS

- The best times to spray are early evening and early morning.
- Completely cover the target pest and plant with spray solution.
- Do not exceed the maximum rates or apply more than specified.
- Certain plants may be sensitive to oil. A small number of plants should be test sprayed prior to general spraying.
- Use caution on open blooms - bleaching and spotting have been observed on the open bloom of certain plants.
- May be used up to day of harvest.

TABLE 1A - FRUIT TREES

CROP	PEST	OUNCES PER GAL. OF WATER	TIME OF APPLICATION
Almonds/ Apricots/ Cherries/	Aphids (eggs) / Fruit Tree Leaf Roller (eggs) / Tent Caterpillars / San Jose Scale Mites and Scales	2.5-3.75 1.25-2.0	Dormant or Delayed Summer (foliar or cover) or Postharvest. Application should not be made on oil sensitive varieties. Do not apply to trees lacking adequate moisture.
Peaches/ Nectarines	Aphids (eggs) / Fruit Tree Leaf Roller (eggs) / Mites (eggs) / Peach Twig Borer (hibernacules) / Cottony Peach Scale / San Jose Scale Mites / Scales (immature)	2.5-3.75 1.25-2.5 2.0-2.5 1.25-2.0	Dormant or delayed Dormant. Summer (foliar or cover) or Postharvest. Dormant or Delayed Dormant to 1/2 green tip Summer (foliar or cover) or Postharvest. Do not apply over certain fresh market fruits after bloom starts to form as the oil spray will remove the waxy bloom. Application should not be made over oil sensitive varieties.
Plum / Prune	Aphids (eggs) / Scales / Mites (eggs) Mites / Scales	3.75 1.25-2.0	Dormant Summer (foliar or cover) or Postharvest
Pecans	Aphids (eggs) / Scales / Mites (eggs) Aphids / Mites	3.75 1.25-2.0	Dormant Summer (foliar or cover) or Postharvest

REVISED
per EPA
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TABLE 1B - FRUIT TREES

CROP	PEST	OUNCES PER GAL. OF WATER	TIME OF APPLICATION (Stage of Development)
Apples	Aphids (eggs) / Apple Red Bug / Mites (eggs) including European Red Mites / Scales (hard, soft) / Sourly Scale / Fruit Tree Leaf Roller (eggs)	2.5-3.75	Dormant to 1/2" Green
	Mites	1.25	Summer (foliar or cover or Postharvest). Do not apply over fruit after way bloom forms.
	Pears	European Red Mite (eggs) / Pear Leaf Blister Mite (eggs) / Pear Psylla Scales / Fruit Tree Leaf Roller (eggs) / Two-Spotted Spider Mite / Brown Mite / Pear Rust Mite / Pear Leaf Blister Mite / Pear Psylla	2.5-3.75 1.25-2.5

TABLE 1C - Citrus Trees

CROP	PEST	OUNCES PER GAL. OF WATER	COMMENTS
Lemon and Grapefruit	Mites / Scales including California Red Scale	1.25-2.0	For enhanced efficacy and less damage to plants, spray during Fall, early Winter and Spring months when Red Scale are more easily controlled and trees are generally less reactive to oil. For all Citrus oil sprays, ensure adequate moisture, leaves should not wilt before noon.
Naval and Valencia	Mites including: Rust Mite / Spider Mite	1.25-2.0	Oils applied after Oct., may increase cold damage to trees. Oils applied in Aug. and Sept. may affect seeds content and retard coloring.
Oranges, other Citrus	Scales including: Back Scale / California Red Scale / Whitefly and Blackfly / Sooty Mold		
Varieties including Non bearing			



Do not exceed a maximum of 159 pounds of active ingredient (in a maximum volume of 1500 gallons of spray mix per acre) when treating citrus in Florida and Texas (based on dilute spray, with 1.5 gallons of product mixed per 100 gallons of water). Do not exceed a maximum of 212 pounds of active ingredient (in a maximum volume of 2000 gallons of spray mix per acre) when treating citrus in California (based on thorough coverage spray, with 1.5 gallons of product mixed per 100 gallons of water).

TABLE 2 - SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER & FOLIAGE PLANTS, CONIFERS

TREE OR PLANT	PEST	OUNCES PER GAL. OF WATER	TIME OF APPLICATION
Shade Trees* dormant, and shrubs conifers, Deciduous Broadleaf Evergreens & Woody Ornamentals, Ornamental Trees**	Aphids / adelgids / Eriophyid Mites / Gall Mites / Lace Bugs / Leaf Beetle Larvae / Leafminer	2.5-5.0	Winter Dormant Period as needed
Shrubs including: Conifers Deciduous Broadleaf Evergreens	Mealybugs / Psyllids (Immature) / Sawfly Larvae / Scales (Immature) / Spider Mites Whitefly**	1.25-3.75	Summer (Foliar or Cover) as needed
Flowering & Foliage Plants including: Roses and other flowering Shrubs & Bedding Plants		2.5-3.75	Winter Dormant Period as needed
Foliage Ornamentals & Plants		1.25-2.5	Summer (Foliar or Cover) as needed

* Oil removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Always use lower dosage or test spray oil sensitive plants such as Cryptomeria, Smoke Tree, Chamacyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir. Do not spray walnut foliage. ** Most effective on Whitefly during immature stages. Up to 4 applications during the growing season typically are sufficient to control the claimed pests. RESTRICTIONS: Use a 2-week interval between applications. Do not spray when buds have fully opened and shoot elongation is occurring. For fall dormant applications, do not exceed a rate of 2.5 ounces per gallon and limit uses only to: American Red Oak, Japanese Black Pine, Dogwood, Weeping Cherry, Cornelian Cherry, Crabapple, Norway Maple, and Purple Leaf Plum.

TABLE 3 - SMALL FRUITS

CROP	PEST	OUNCES PER GAL. OF WATER	TIME OF APPLICATION
Blueberries	Mites / Sawfly (eggs)/ Scales	3.75 2.5	Dormant Summer
	Strawberries	Aphids / Mites	1.25
Grapes	Mealybugs	1.25-2.5	Dormant - A tank mix with an insecticide labeled for use on grapes may improve control.



TABLE 4 - VEGETABLES

CROP	PEST	OUNCES PER GAL. OF WATER	TIME OF APPLICATION
Beans / Corn / Pepper / Squash / Tomatoes / Asparagus / Beets / Cabbage / Cauliflower Cucurbits / Eggplant / Lettuce / Melons / Potatoes / Radishes	Aphids / Mites / Beetle Larvae / Leafminers / Thrip / Leafhopper / Whitefly	1.25-2.5	As needed

TABLE 5 - HOBBY GREENHOUSE

CROP OR PLANT	PEST	OUNCES PER GAL. OF WATER	SPECIFIC COMMENTS
Azaleas / Begonia / Camellia / Palms Chrysanthemum / Dieffenbachia or Maidenhair ferns / Easter Lily / Fern / Gardenia / Geranium / Hibiscus Foliage / Jade Plant / New Guinea Impatiens / Palms / Philodendron / Poinsettia Portulaca / Reiger Begonia / Zinnias Dieffenbachia / Poinsettias Leaf Polish for Harry Plants	Aphids / Fungus Gnats / Leafminers / Mealybugs / Scales (Soft & hard) / Spider Mites / Thrips Whitefly** (Immature)	1.25-2.5 1.25 1.25	Do not use on Coconut Chrysanthemum and Geranium Blooms have shown phytotoxicity at the 2.5 ounce rate Do not use on Poinsettia Bracts

FREQUENCY OF APPLICATION: For the greenhouse pests listed, use once a week initially. As the pest is controlled decrease the frequency to 2-3 weeks as needed. Application safety during bloom period should be determined for each individual plants to be treated by conducting a small test. ** Most effective on whiteflies during immature stages.



TABLE 6 - INTERIORSCAPES

PLANT	PEST	OUNCES PER GAL. OF WATER	SPECIFIC COMMENTS
Chrysanthemum / Dieffenbachia / Dracaena / Fern / Ficus / Gardenia / Scales Mealybugs / Jade Plant / Palms / Philodendron /	Aphids / Leaf miners / Spider Mites / Whitefly Schellera	1.25	Do not apply to plants in direct sunlight behind glass Do not use on Coconut Palms and Maidenhair Ferns. Chrysanthemum blooms have shown phytotoxic symptoms at a higher rate.

Applicator should conduct a test for phytotoxicity by treating a few specimens before making a large scale application. Protect floor, floor coverings and furnishings from spray. RESTRICTIONS: Do not exceed 3 consecutive applications without allowing a 2-week application interval.



OTHER USES

Figs: Dormant or delayed dormant Fig Scale-Use 3.75 oz. in 1 gal water as a foliar spray, Mites, Mealybug, Scale-Use 2.5 oz. per 1 gal. water.
Olives: Postbloom through August and postharvest: Scale-Use 2.0 oz. of spray oil per 1 gal water.
Banana: Use as needed to control Yellow Sigatoka Disease-Use 1.25-2.0 oz. of spray in 1 gal water. This application is also effective in loosening sooty mold fungus and in preventing its formation by the control of Aphids, Mealybug, Scales and Whitefly.

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