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6218-71

11/20/98

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

NOV 20 1998

Jonathan S. Cohen  
Summit Chemical Co.  
7657 Canton Center Drive  
Baltimore, MD 21224-2079

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Year Round, A Superior Horticultural Spray Oil, EPA Reg. # 6218-71  
label amendment submitted 11/11/98  
accepted with comments

Dear Mr. Cohen:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the following comments:

- 1) Remove the graphic on the front of the label showing an adult in short sleeved shirt spraying the product while a child in short sleeves stands next to him. Aside from the fact that the applicator should be wearing more personal protective equipment, an applicator should never be spraying a pesticide in the presence of a child. The photograph definitely gives the wrong impression regarding safety and use of the product.
- 2) Following the Statement of Practical Treatment add the following note:  
"NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard."

Submit three (3) copies of your final printed labeling incorporating the above changes prior to releasing your product for shipment. If the above provisions are not complied with the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A copy of your label stamped "accepted with comments" is enclosed for your records.

Sincerely yours,

Thomas C. Harris  
Insecticide / Rodenticide Branch  
Registration Division (7505C)  
Office of Pesticide Programs

enclosure

Internet Address (URL) • <http://www.epa.gov>

**NEW!**  
For Summer  
& Dormant Use

See booklet on back of bottle for directions.



# Year-Round™

Superior Horticultural  
Spray for Insect,  
Mite & Plant Control

See back of bottle for directions  
© 1998

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated:  
NOV 20 1998

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
6218-71

**CAUTION KEEP OUT OF REACH OF CHILDREN  
PRECAUTIONARY STATEMENTS**

**HAZARDS 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 using. Avoid contamination of feed or foodstuffs

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed: Do not induce vomiting. Call a physician immediately.

If on skin: Wash with soap and water.

If in eyes: Flush with water.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration. Get medical attention.

**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 this label.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Keep container tightly closed in storage to prevent entry of water or other contaminants.

Store in a cool, dry, locked area out of the reach of children. Do not store this product in direct sun light for prolonged periods of time. This product should be stored in its original container only.

**Pesticide Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.

**Container Disposal:** Do not reuse container Rinse thoroughly before discarding in trash.

**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, Dyrene, 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.

**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.

**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 with water.
2. Shake the container of HORTICULTURAL 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.
- The target pest and plant should be completely covered with the spray solution to be effective.
- Do not exceed the maximum rates or apply more often than recommended.
- 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.

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. 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. 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. In no event shall seller be liable for special, incidental or consequential damages.

**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 Mite / 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 and including petal fall).
	Two-spotted Spider Mite / Brown Mite / Pear Rust Mite / Pear Leaf Blister Mite* / Pear Psylla*	1.25-2.5	Summer (foliar or cover) or Postharvest.

**TABLE 1 B—FRUIT & NUT TREES**

Almonds / Apricots / Cherries	Aphids (eggs) / Fruit Tree Leaf Roller (eggs) / Tent Caterpillars / San Jose Scale	2.5-3.75	Dormant or delayed Dormant.
	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) / Cottony 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.

\* use maximum rate specified

**TABLE 1 C—CITRUS TREES**

CROP	PEST	OUNCES PER GAL. OF WATER	COMMENTS
Lemon and Grapefruit	Mites / Scales including California Red Scale	1.25-2.0	For best results 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 Oranges, other Citrus Varieties Including Non bearing	Mites including: Rust Mite / Spider Mite Scales including: Black Scale / California Red Scale / Whitefly and Blackfly / Sooty Mold	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.

**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 including; 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 and 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 & Bedding 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.

**CAUTION:** Up to 4 applications during the growing season are typically sufficient to control pests. Use a 2 week application interval. Do not spray when buds have fully opened and shoot elongation is occurring. For fall dormant applications, reduce rate to 2.5 ounces per gallon and limit use 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 / Mdes	1.25	Dormant and Summer
Grapes	Mealybugs	1.25-2.5	Dormant—a tank mix with an insecticide improves control.

**TABLE 4—VEGETABLES**

Beans / Corn / Peppers / 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
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**TABLE 5—HOBBY GREENHOUSE**

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

**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 plant 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 / Jade Plant / Palm / Philodendron / Schefflera	Aphids / Leaf minens / Meal bugs / Scales / Spider Mites / Whitefly*	1.25-2.5	Do not apply to plants in direct sunlight behind glass. Do not use on Coconut

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Palms and Maidenhair  
Ferns.

Chrysanthemum blooms  
have shown phytotoxic  
symptoms at the higher  
rate.

\* Most effective on Whitefly during immature stages.

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 over spray.

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

**MISCELLANEOUS:**

**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: Scales—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, Mealybugs,  
Scales and Whitefly.

**CAUTION: KEEP OUT OF REACH OF CHILDREN  
PRECAUTIONARY STATEMENTS**

**HAZARDS 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 using. Avoid contamination of feed or foodstuffs.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed Do not induce vomiting.  
Call a physician immediately.  
If on skin: Wash with soap and water.  
If in eyes: Flush with water.  
If inhaled: Remove victim to fresh air if not breathing  
give artificial respiration. Get medical attention.

**ENVIRONMENTAL HAZARDS:**

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to water. Do not contaminate water when  
disposing of equipment washwaters. Apply this  
product only as specified on this label.

**STORAGE AND DISPOSAL**

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storage or disposal.

Storage: Keep container tightly closed in storage to  
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children. Do not store this product in direct sunlight  
for prolonged periods of time. This product should  
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Pesticide Disposal: Securely wrap original container  
in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse container Rinse  
thoroughly before discarding in trash.

**Easy Measure Bottle**

**Peel Open for instructions,**

**1. Tilt bottle-fill  
Measuring section**

**2. Hold upright-  
Check amount**

**3. Tilt back to  
adjust measure**

**4. Remove cap  
and pour**

**7657 Canton Center Drive.  
Baltimore, MD 21224-2079**