

6218-71

07/08/2008

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Jonathan S. Cohen
Summit Chemical Company
235 South Kresson Street
Baltimore, MD 21224-2616

July 8, 2008

Dear Mr. Cohen:

Subject: Label Amendment to add the phrase "For Organic Production" and USEPA's NOP Symbol on "Summit Year-Round Spray Oil" Product Label
EPA Registration No. 6218-71
Submission Date: March 13, 2008

The label amendment request referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided you make the following changes that were indicated in the Agency's letter of February 21, 2008:

- 1- The following worker protection statements: "Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State and Tribe, consult the State/Tribal agency responsible for pesticide regulation." must appear under the "Direction for Use" section of the labeling **BEFORE** the "Agricultural Use Requirements" box.
- 2- Add the following container disposal statements: "If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly full: Call your local solid waste agency or (toll-free phone number) for disposal instructions. Never place unused product down any indoor or outdoor drain."

Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy is enclosed for your records. If you have any questions regarding this letter, please contact me at (703) 605-0566.

Sincerely,

A handwritten signature in black ink, appearing to read "Amer Al-Mudallal".

Amer Al-Mudallal, Chemist
Insecticide-Rodenticide Branch
Registration Division (7505P)

514108
2/13

YEAR-ROUND® SPRAY OIL

Contains 2 Sub Labels of Different Application Instructions.

1. Directions for use Hose end sprayer.
2. Directions for use Dilution by ounces.

Summit Year-Round® Spray Oil

Kills Garden Insects

FOR ORGANIC PRODUCTION

Without Synthetic Chemicals right through Harvest Day

KILLS: Whitefly, Aphids, Spider Mites, Mealybug, Scale, Mites, Thrips, Fungus Gnats & more listed Insects.

USE ON: Fruits, Vegetables, Flowers, Ornamentals, Trees & Shrubs.

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%

7.05 lbs of active ingredient per gallon




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 hand after using. Avoid contamination of feed or foodstuffs.

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 on skin or clothing**
 - Take off contaminated clothing.
 - Rinse skin immediately with plenty of water for 15-20 minutes.
 - Call 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.
- If swallowed**
 - Call poison control center or doctor immediately 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.

ACCEPTED
With COMMENTS
In EPA Letter Dated:
JUL 0 8 2008

Under the Federal Insecticide, Fungicide and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg. No:

6218-71

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

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.

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.

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

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling if available.

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.

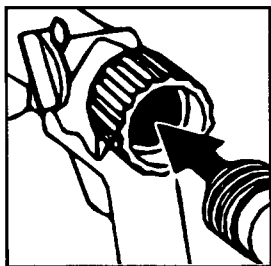
DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with it's labeling. Do not apply this product through any type of irrigation system.

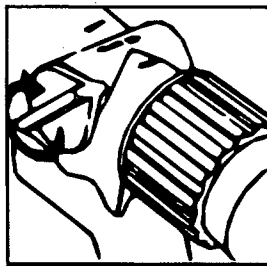
SUB LABEL 1 - DIRECTIONS FOR USE HOSE END SPRAYER MIXING DIRECTIONS

Make sure the spray equipment to be used is clean, dry and odor free. The attached sprayer is calibrated to deliver a 1 to 50 dilution.

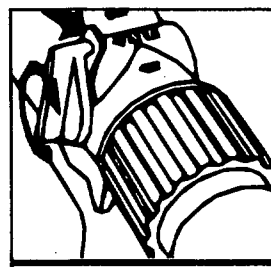
Hose-end convenience!
Automatically mixes with water!
No measuring or separate applicator!



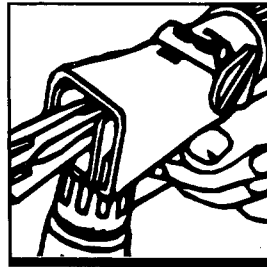
1. Attached garden hose to spray nozzle and turn on water supply.



3. Point nozzle toward item to be sprayed and turn water control knob to "On" to automatically mix with water.



2. Ben safely tab down and turn control to "Water". Clear water will spray.



4. Hold bottle level. Use with average water pressure. When finished spraying turn knob to off/closed position.

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APPLICATION INSTRUCTIONS

- The best times to spray are early evening and early morning.
- The target pest and plant must be completely covered with the spray solution to be effective.
- Spray until leaves are wet to the point of run-off.
- Do not exceed the maximum rates or apply more often than directed.
- 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. To the extent consistent with applicable law, the 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 law, the seller's liability and buyer's or users remedies shall be limited to refund of the purchase price or replacement of the specific quantity involved. To the extent consistent with applicable law, seller shall not be liable for special, incidental or consequential damages.

TABLES 1A- FRUIT TREES

CROP	PEST	TIME OF APPLICATION (Stage of Development)
Apples	Aphids (egg) / Apple Red Bug / Lites (eggs) including European Red Mse / Scale (hard, soft) Sourly Scale Fruit Tree Leaf Toller (eggs)	Dormant or Delayed Dormant to 1/2" Green.
	Mines	Summer (foliar or cover) or Postharvest. Do not apply over fruit after waxy bloom forms.
Pears	European Red Mie (eggs) Pear Leaf Blister Mite (eggs) / Pear Psylla / Scale / Fruit Tree Leaf Roller (eggs)	Dormant or Delayed Dormant (up to and including including petal fall.
	Two-spotted Spider Mite / Brown Mite / Pear Rust Mite / Pear Leaf Blister Mite' / Pear Psylla	Summer (foliar or cover) or Postharvest

TABLE 1B - FRUIT & NUT TREES

CROP	PEST	TIME OF APPLICATION (Stage of Development)
Almonds/ Apricots/ Cherries	Aphids (eggs) / Fruit Tree Leaf Roller (eggs) / Tent Caterpillars San Jose Scale	Dormant or Delayed Dormant
Almonds	Mites and Scales	Summer (foliar or cover) or

Apricots
Cherries

Postharvest-Application should not be made on oil sensitive varieties-Do not apply to trees lacking adequate moisture.

Peaches Aphids (eggs) / Fruit Tree
Nectarines Leaf Roller (eggs) / Mites (eggs) / Peach Twig Borer
Hibernacules Cottony Peach Scale / San Jose Scale

Dormant or Delayed
Dormant

Mites / Scales (immature)

Summer (foliar or cover) or Postharvest

Plum Aphids (eggs) / Scales /
Prune Leaf Roller (eggs) / Mites (eggs) / Peach Twig Borer
hibernacules Cottony Peach Scale / San Jose Scale

Dormant or Delayed
Dormant

Mites / Scales (immature)

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)

Dormant

Aphids / Mites

Summer (foliar or cover) or Postharvest

TABLE 1C - CITRUS TREES

CROP	PEST	COMMENTS
Lemon and Grapefruit	Mites / Scales Including California Red Scale	For best result, 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 Mites / Spider Mite Scales including Black Scale / California Red Scale / Whitefly and Blackfly / Soofy Mold	Oils applied after Oct. may increase cold damages trees. Oils applied in Aug. and Sept. may affect solids content and retard coloring



TABLE 2 - CITRUS TREES

TREE OR PLANT	PEST	TIME OF APPLICATION
Shade Trees dormant and shrubs Including Conifers, Deciduous Broadleaf Evergreens & Woody Ornamentals, Ornamental Trees Shrubs including: Conifers, Deckfuous and Broadleaf	Aphids/ Adelgids/ Eriophyid Mites/ Gall Mites/ Lace bugs/ Leaf Beetle Larvae/ Leafminer	Winter Dormant Period as needed
Evergreens	(Immature) / Spider Mites/ Whitefly**	Summer (Foliar or Cover) as needed.
Flowering & Foliage Plants Including: Roses and other Flowering Shrubs Bedding Plants		Winter Dormant Period as needed.
Foliage Ornamentals & Bedding Plants		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 Cryplomeria, Smoke Tree, Chamaecypris, Juniper, Japanese Holly and Spruce. Tendency towards 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.

TABLE 3 - SMALL FRUITS

CROP	PEST	TIME OF APPLICATION
Blueberries	Mites / Sawfly (eggs) / Scales	Dormant Summer.
Strawberries	Aphids / Mites	Dormant and Summer
Grapes	Mealybugs	Dormant - a tank mix with an insecticide. Improves control.



TABLE 4 VEGETABLE PLANTS

CROP	PEST	TIME OF APPLICATION
Beans / Corn / Peppers / Squash / Tomatoes / Asparagus / Beets Cabbage / Cauliflower / Cucurbits / Eggplant / Lettuce / Melons / Potatoes / Radishes	Aphids / Mites / Beetle Larvae / Leafminers / Thrip / Leafhopper / Whitefly	As needed.

TABLE 5 HOBBY GREENHOUSE

CROP OR PLANT	PEST	SPECIFIC COMMENTS
Azaleas / Begonia / Camellia Chrysanthemum / Oleffenbacfia / Easter Lily / Fern / Gardenia / Geranium / Hibiscus Foliage/ Jade Plant / New Guinea Impatiens Palms / Philodendron / Poinsettia / Portulaca / Reiger Begonia / Zinnias	Aphids / Fungus Gnats / Leafminers / Mealybugs / Scales (soft & hard) Spider Mites / Thrips Whitefly** (Immature)	Do not use on Coconut Palms or Maldenhair Ferns Chrysanthemum and Geranium Blooms have shown phytotoxicity at the 5 tablespoon rate.
Dieffenbachia / Poinsettias		Do not use on Poinsettia Bracts.
Leaf Polish for Hardy Plants		



FREQUENCY OF APPLICATION: For the greenhouse pest 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	SPECIFIC COMMENTS
Chrysanthemum / Dieffenbachia / Dracaema / Fern / Ficus / Gardenia / Jade Plant / Palm / Philodendron / Schefflera	Aphids / Leafminers / Mealybugs / Scales / Spider Mites / Whitefly	Do not apply to plants in direct sunlight behind glass. Do not use on Coconut Palms and Maldenhair Ferns.

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



SUBLABEL 2 - DIRECTIONS FOR USE**AGRICULTURAL USE REQUIREMENTS:**

Use this product only in accordance with its labeling and with the Workers Protection Standards, 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 on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Workers Protection Standard.

Do not enter or allow workers entry to treated areas during the restricted-entry interval (REI) of 4 hours. PPE required for early entry to treated areas that is permitted under the Workers Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical resistant gloves and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS:

Non-Agricultural use Requirements: The requirements in this box apply to uses of this product that are NOT within the scope of the Workers Protection Standard for the agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses. Keep children and pets out of the treated area until spray has dried. Keep unprotected persons out of the treated areas until spray has dried.

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 apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State and Tribe, consult the State/Tribal agency responsible for pesticide regulation.

**DILUTION BY OUNCES
GALLON SIZES AND LARGER**

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) Chemical-resistant gloves such as barrier laminate, nitrile rubber, butyl rubber, neoprene or vitron; D) Shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

DIRECTIONS FOR USE**CONTAINERS LESS THAN A GALLON SIZE
FOR HOME AND GARDEN USE ONLY
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 HORTICULTURAL SPRAY OIL vigorously prior to measuring out the desired amount.

- 3. 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. Spray until leaves wet to the point of run off.
- 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 merchantability and fitness for particular purpose. Buyer and all users shall assume all risk, liability and damage if this product used, stored, handled or applied other than as specifically set forth on this label. Sellers 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 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 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 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

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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 (hibemacules) / 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 Conifers, Deciduous Broadleaf Evergreens & Woody Shrubs including: Conifers Deciduous and Broadleaf Evergreens (immature)	Aphids/adelgids/Eriophyid Mites / Gall Mites / Lace Bugs / Leaf Beetle Larvae / Leafminer Mealybugs/Psylids (Immature)/ Sawfly Larvae / Scales / Spider Mites / Whitefly**	2.5-5.0 1.25-3.75	Winter Dormant including Period as needed Ornamentals, Ornamental Trees* Summer (Foliar or Cover)
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 / Mites	1.25	Dormant and Summer
Grapes	Mealybugs	1.25-2.5	Dormant-a tank mix with an insecticide improves control.

TABLE 4-VEGETABLES

CROP OR PLANT	PEST	OUNCES PER GAL. OF WATER	SPECIFIC COMMENTS
Beans / Corn / Peppers / Squash / Tomatoes / Asparagus / Beets Cabbage / Cauliflower Cucurbits / Eggplant / Lettuce /	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 / Chrysanthemum / Oleffenbacfia / 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 Feme 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 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 / Dieffenbachi / 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 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

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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.