



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

**OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES**

OCT 4 2007

Abraham J. Tobia, PhD
Regulatory Manager/Toxicology Manager
Arysta LifeScience Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513

Dear Dr Tobia:

**Subject: Revised Label Including Additional Members
of the Citrus and Pome Fruits Crop Grouping
EPA Reg. No. 66330-38
Revised Label Submitted July 9, 2007**

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you submit one copy of your final printed label incorporating the following corrections before you release the product for shipment.

1. Correct the single maximum application rate specified in the table for the ornamental crops (except roses) from 0.25 lbs ai/A to 0.125 lbs ai/A and the maximum seasonal application rate from 0.125 lbs ai/A to 0.25 lb ai/A.
2. Clarify what is meant by the "other roses" in the restrictions and imitations statement for roses ("For other roses, do not apply more than 6.4 fl. Oz. (0.06 lbs ai)/100 gallons of water.").
3. Remove the text "Avoid application of more than the maximum number listed on the label" from the Resistance Management section. The maximum number of applications cited in the use directions on the label constitute part of the use pattern on which the assessment of the uses were conducted, whereas the statements in this section are meant to be guidance and not enforceable language.

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If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

A stamped copy of the label is enclosed for your records.

Sincerely,



Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504P)

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Alternate Brand Name for KANEMITE™ 15 SC MITICIDE is:
• SHUTTLE™ 15 SC MITICIDE

**KANEMITE™ 15 SC
MITICIDE**

GROUP 20B INSECTICIDE

**FOR USE ON COMMERCIAL GREENHOUSE, SHADEHOUSE, AND
ORNAMENTAL NURSERY CROPS; ALSO FOR USE ON POME FRUITS, CITRUS,
ALMONDS, PISTACHIOS AND STRAWBERRIES**

INGREDIENTS

Active Ingredient	By wt.
*Acequinocyl.....	15.8%
Inert Ingredients.....	84.2%
Total.....	100.0%

*3-dodecyl-1, 4-dihydro-1, 4-dioxo-2-naphthyl-acetate.
Contains 1.25 lb ai/gal.

KEEP OUT OF REACH OF CHILDREN

CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label find someone to explain it to you in detail.)

See inside booklet for additional precautionary statements.

For Product Use Information Call 1-866-761-9397

Produced for:
ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION
15401 Weston Parkway, Suite 150
Cary, NC 27513

ACCEPTED
with COMENTS
in EPA Letter Dated:
OCT 4 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
As amended, for the pesticide
Registered under EPA Reg. No.
66330-38

EPA Registration No. 66330-38
EPA Est. No. _____

NET WEIGHT _____ POUNDS (_____ KILOGRAMS)

FIRST AID	
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside of the U.S.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Harmful if absorbed through skin.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical Resistant Gloves made of waterproof material

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates such as Eastern oysters and mysid shrimp. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Surface Water Statement

This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several days after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

DIRECTIONS FOR USE

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

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any 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 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 on this label about personal protective equipment (PPE), notification to workers 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 entry into treated areas during restricted entry interval (REI) of 12 hours.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, socks, shoes, chemical resistant gloves made of waterproof material.

GENERAL INFORMATION

KANEMITE 15 SC is a miticide for the control of Citrus red mite (*Panonychus citri*), European red mite (*Panonychus ulmi*), Pacific spider mite (*Tetranychus pacificus*), Spruce spider mite (*Oligonychus ununquus*), and Twospotted spider mite (*Tetranychus urticae*) on ornamentals. This product also controls European red mite (*Panonychus ulmi*), Pacific spider mite

(*Tetranychus pacificus*), and Two-spotted spider mite (*Tetranychus urticae*) on almonds, pistachios and pome fruit; Citrus red mite (*Panonychus citri*), Pacific spider mite (*Tetranychus pacificus*) and Texas citrus mite (*Eutetranychus banksi*) on citrus; and Pacific spider mite (*Tetranychus pacificus*), Strawberry spider mite (*Tetranychus turkestanii*) and Twospotted spider mite (*Tetranychus urticae*) on strawberries.

When applied to the foliage as directed, KANEMITE 15 SC provides quick knockdown and long residual control. Due to its unique mode of action, KANEMITE 15 SC does not show cross-resistance to existing miticides and is very effective against various species of resistant and susceptible mites. KANEMITE 15 SC is relatively harmless to most predacious mites and beneficial insects, making it compatible with IPM and resistance management programs.

NOTICE TO USER: Plant tolerance to this product has been found to be acceptable in research trials for the general plant species listed on the label. However, due to the large number of species and their associated varieties or cultivars of ornamental and ornamental nursery plants, and due to variable growing conditions, it is impossible to test every plant variety or cultivar for tolerance to this product. Neither the Manufacturer nor the Seller has determined whether or not this product can be safely used on all ornamental or ornamental nursery plants. The user should determine if this product can be used safely prior to commercial use. In a smaller test area, test the recommended rates on plants for phytotoxicity prior to general use.

Certain varieties of impatiens and miniature roses are known to be sensitive to certain pesticides. Before using this product for mite control in the production of these ornamentals in particular, test them for sensitivity to this product on a limited scale before widespread use.

RESISTANCE MANAGEMENT

For resistance management, KANEMITE 15 SC contains a Group 20B insecticide. Any mite population may contain individuals naturally resistant to KANEMITE 15 SC and other Group 20B insecticides. The resistant individuals may dominate the mite population if this group of insecticides is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of KANEMITE 15 SC or other Group 20B insecticides with different groups that control the same pests in a field.
- Avoid application of more than the maximum number listed in the label and consecutive sprays of KANEMITE 15 SC or other insecticides in the same group in a season.
- Use tank mixtures with insecticides from a different group when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.

- For further information or to report suspected resistance contact Arysta LifeScience North America at 1-866-761-9397.

COMPATIBILITY OF MIXTURES

KANEMITE 15 SC can be combined with most commonly used pesticides with the exception of strongly alkaline material, which can reduce the activity of this product. **DO NOT** combine KANEMITE 15 SC with Phosethyl (Fosetyl). To obtain broad-spectrum insect control, KANEMITE 15 SC can be tank-mixed with most other miticide/insecticide products. However, all plant species and their varieties and cultivars have not been tested with possible tank mix combinations, sequential pesticide treatments and adjuvants and surfactants. The user should conduct a spray mix compatibility and phytotoxicity trial under local conditions to ensure compatibility prior to any large-scale use.

PREPARATION OF SPRAY SOLUTION

Begin with clean equipment. Add sufficient clean water to the spray tank for one-half of the mix load. Start tank agitation. Add and properly suspend the necessary amount of product before adding any other products. Agitate to ensure thorough mixing while adding the remaining required water. A high quality wetting agent or other spray adjuvant, approved for use on your crop, may be added to spray solutions according to the manufacturer's use instructions. KANEMITE 15 SC should be properly suspended and diluted prior to the addition of any adjuvant. Consult the adjuvant label or manufacturer for crop tolerance and safety information when used with this product. Maintain agitation during mixing and application. **DO NOT** allow the spray mixture to stand without agitation. If agitation is stopped for any reason, the spray solution must be thoroughly re-mixed prior to any further use. Apply with properly calibrated spray equipment.

APPLICATION INSTRUCTIONS

KANEMITE 15 SC should be applied when threshold populations are observed. Do not wait until large mite populations have been established.

Apply KANEMITE 15 SC in sufficient water to ensure uniform and thorough coverage of foliage. Thorough coverage is required for optimum control. To achieve adequate coverage, use proper spray pressures, nozzles, nozzle spacing, and water volume per acre.

When used as directed, KANEMITE 15 SC is effective for the control of a variety of mite species, but is not effective against rust mites. KANEMITE 15 SC shows efficacy on all mite life stages of susceptible mites. Using KANEMITE 15 SC in successive miticide applications is not recommended. Use KANEMITE 15 SC as part of a sound resistance management program that includes rotation with other miticide treatments having different modes of action.

GENERAL RESTRICTION AND LIMITATIONS

- Do not apply this product through any type of irrigation system.
- Use KANEMITE 15 SC in rotation with other miticides having different modes of action.
- Not for use in or around residential areas.
- Do not apply by air.
- Do not apply within 75 feet of aquatic areas.

COMMERCIAL GREENHOUSE, SHADEHOUSE AND ORNAMENTAL NURSERY CROPS

Mix 6.4–12.8 fluid ounces of KANEMITE 15 SC in 100 gallons of water (0.06-0.125 lb ai/100 gallons of water) and apply as a full coverage spray to the foliage to the point of drip, except for roses where the maximum application rate is 6.4 fluid ounces in 100 gallons of water (0.06 lbs ai/100 gal of water). Actual spray volume will vary depending on the size of plants being sprayed. Application should be made as soon as mite population reaches economic infestation levels.

APPLICATION RATE FOR COMMERCIAL GREENHOUSE, SHADEHOUSE AND ORNAMENTAL NURSERY CROPS (EXCEPT ROSES)

PEST	RATE PER ACRE
Citrus red mite (<i>Panonychus citri</i>) European red mite (<i>Panonychus ulmi</i>) Pacific spider mite (<i>Tetranychus pacificus</i>) Spruce spider mite (<i>Oligonychus ununquis</i>) Twospotted spider mite (<i>Tetranychus urticae</i>)	6.4 fl oz – 12.8 fl oz/Acre (0.06 – 0.25 lbs ai/Acre)
<p>RESTRICTIONS AND LIMITATIONS</p> <ul style="list-style-type: none"> • Do not use less than 100 gallons of water volume per acre. • Allow a minimum of 14 days between treatments. • Do not apply more than 2 applications of KANEMITE 15 SC per crop season. • Do not apply more than 25.6 fl oz (0.125 lbs ai) of KANEMITE 15 SC per acre per crop season. 	

APPLICATION RATE FOR ROSES

PEST	RATE PER ACRE
Citrus red mite (<i>Panonychus citri</i>) European red mite (<i>Panonychus ulmi</i>) Pacific spider mite (<i>Tetranychus pacificus</i>) Spruce spider mite (<i>Oligonychus ununquis</i>) Twospotted spider mite (<i>Tetranychus urticae</i>)	6.4 fl oz/Acre (0.06 lbs ai/Acre)
<p>RESTRICTIONS AND LIMITATIONS</p> <ul style="list-style-type: none"> • Do not use less than 100 gallons of water volume per acre. • Allow a minimum of 14 days between treatments. • Do not apply more than 2 applications of KANEMITE 15 SC per crop season. • Do not apply more than 12.8 fl oz (0.125 lb ai) of KANEMITE 15 SC per acre per crop season. • For other roses, do not apply more than 6.4 fl. oz. (0.06 lbs ai)/100 gallons of water. 	

ALMONDS AND PISTACHIOS

PEST	RATE PER ACRE
European red mite (<i>Panonychus ulmi</i>) Pacific spider mite (<i>Tetranychus pacificus</i>) Twospotted spider mite (<i>Tetranychus urticae</i>)	21 fl oz – 31 fl oz/Acre (0.2 – 0.3 lbs ai/Acre)
<p>RESTRICTIONS AND LIMITATIONS</p> <ul style="list-style-type: none"> • Do not use less than 100 gallons of water volume per acre. • Allow a minimum of 21 days between treatments. • Do not apply by air. • Do not make more than two applications of KANEMITE 15 SC per year. • Do not apply more than 62 fl oz of KANEMITE 15 SC per acre (0.6 lbs ai) per season. • Preharvest interval is 7 days. 	

CITRUS (CALAMONDIN, CITRUS CITRON, CHIRONYA, TANGELO, TANGOR, GRAPEFRUIT, KUMQUAT, LEMON, LIME, MANDARIN, SOUR ORANGE, SWEET ORANGE, PUMMELO AND SATSUMA MANDARIN)

PEST	RATE PER ACRE
Citrus red mite (<i>Panonychus citri</i>) Pacific spider mite (<i>Tetranychus pacificus</i>) Texas citrus mite (<i>Eutetranychus banksi</i>)	21 fl oz – 31 fl oz/Acre (0.2 – 0.3 lbs ai/Acre)
<p>RESTRICTIONS AND LIMITATIONS</p> <ul style="list-style-type: none"> • Do not use less than 100 gallons of water volume per acre. • Allow a minimum of 21 days between treatments. • Do not apply by air. • Do not make more than two applications of KANEMITE 15 SC per year. • Do not apply more than 62 fl oz of KANEMITE 15 SC per acre (0.6 lbs ai) per season. • Preharvest interval is 7 days. 	

POME FRUITS (APPLES, CRABAPPLE, LOQUAT, MAYHAW, PEAR, ORIENTAL PEAR, AND QUINCE)

PEST	RATE PER ACRE
European red mite (<i>Panonychus ulmi</i>) Pacific spider mite (<i>Tetranychus pacificus</i>) Twospotted spider mite (<i>Tetranychus urticae</i>)	21 fl oz – 31 fl oz/Acre (0.2 – 0.3 lbs ai/Acre)
<p>RESTRICTIONS AND LIMITATIONS</p> <ul style="list-style-type: none"> • Do not use less than 100 gallons of water volume per acre. • Allow a minimum of 21 days between treatments. • Do no apply by air. • Do not make more than two applications of KANEMITE 15 SC per year. • Do not apply more than 62 fl oz of KANEMITE 15 SC per acre (0.6 lbs ai) per season. • Preharvest interval is 14 days. 	

STRAWBERRIES

PEST	RATE PER ACRE
Pacific spider mite (<i>Tetranychus pacificus</i>) Strawberry spider mite (<i>Tetranychus turkestanii</i>) Two-spotted spider mite (<i>Tetranychus urticae</i>)	21 fl oz – 31 fl oz/Acre (0.2 – 0.3 lbs ai/Acre)

RESTRICTIONS AND LIMITATIONS

- Do not use less than 100 gallons of water volume per acre.
- Allow a minimum of 21 days between treatments.
- Do not apply by air.
- Do not make more than two applications of KANEMITE 15 SC per year.
- Do not apply more than 62 fl oz of KANEMITE 15 SC per acre (0.6 lbs ai) per season.
- Preharvest interval is 1 day.

RESTRICTIONS AND LIMITATIONS FOR ALMONDS, CITRUS, PISTACHIOS, POME FRUIT AND STRAWBERRIES NOT LISTED UNDER GENERAL RESTRICTIONS AND LIMITATIONS

- Maximum seasonal use rate: Do not apply more than a total of 62 fl oz of KANEMITE 15 SC per acre per season.
- Do not make more than two applications of KANEMITE 15 SC per year.
- Allow a minimum of 21 days between applications of KANEMITE 15 SC.
- Do not use less than 100 gallons of water volume per acre.
- Crops other than strawberries may not be rotated for at least one year following treatment of strawberries.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store this product in a cool dry area away from direct sunlight and excessive heat. Do not store or leave product in temperatures above 104°F (40°C) or below 23°F (-5°C). After use, screw the cap on tightly and store away from food and feed. Keep the product container tightly closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or (if allowed by State and local authorities) by burning. If burned, stay out of smoke.

FOR 24-HOUR CHEMICAL EMERGENCY ASSISTANCE:

Spill, leak, fire, exposure or accident, call CHEMTREC 1-800-424-9300 or 1-703-527-3887 if calling from outside of the U.S.

Warranty and Disclaimer Statement

1. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America Corporation ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.
2. Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.
3. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.**
4. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.**

KANEMITE™ is a trademark of Arysta LifeScience North America Corporation.