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7/3/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 03 2012

Gary Orr
Arysta LifeScience North America LLC
15401 Weston Parkway Suite 150
Cary NC 27513

Subject Acequinocyl IR 4 Tolerance Petition (PP# 1E7864) for new uses on succulent soybean (edamame) small fruit and berry subgroups 13 07 A F & G succulent bean cowpea forage melon subgroup 9A cucumber and cherry
Acequinocyl Technical
EPA Reg No 66330 39
Decision Number 448200
Kanemite 15 SC Miticide & Supplemental label
EPA Reg No 66330 38
Decision Number 448204

Dear Dr Orr

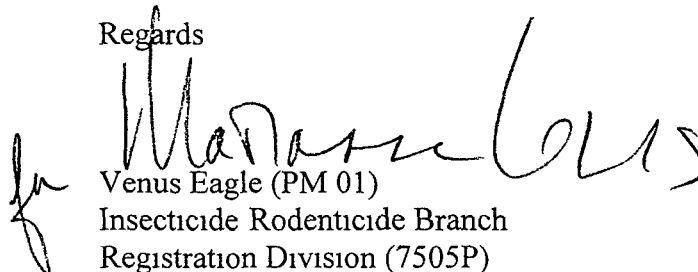
The subject amendment and proposed labeling submitted in connection with the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended is acceptable

Stamped copies of the labels are enclosed for your records Please submit one copy of each of your final printed labels before you release the product for shipment Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions If these conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA sec 6 (e)

In addition please be aware the Immunotoxicity Study (Guideline 870 7800) Acute Neurotoxicity Study (Guideline 870 6200) Subchronic Neurotoxicity Study (Guideline 870 6200) 28 day Inhalation Study (Guideline 870 3465) Avian Acute Oral LD₅₀ Mallard Duck Study (Guideline 71 1a) and the response to the Environmental Fate and Effects memo dated 5/24/12 (DP402235/376051 (parent) MRIDS 48016601 (soil) and 48016602 (drinking ground and surface water) regarding the explanation of light in the lab and calibration & validation data submitted in response to the previous Agency requests are currently under review Please note that while data are in review the data gaps are still considered unfulfilled

If you have any questions please contact Autumn Metzger at (703) 305 5314 or Metzger.autumn@epa.gov

Regards


Venus Eagle (PM 01)
Insecticide Rodenticide Branch
Registration Division (7505P)



Arysta LifeScience

SUPPLEMENTAL LABELING

GROUP 20B INSECTICIDE

KANEMITE® 15 SC Miticide

Supplemental Label to Add Directions FOR USE ON CANEBERRY (CROP SUBGROUP 13 07A) CHERRY CUCUMBER (FIELD GROWN AND COMMERCIAL GREENHOUSE GROWN) SMALL FRUIT VINE CLIMBING SUBGROUP (EXCEPT FUZZY KIWIFRUIT) (SUBGROUP 13 07F) LOW GROWING BERRIES (SUBGROUP 13 07G) MELON (SUBGROUP 9A) SUCCULENT SHELLED BEAN SUCCULENT SOYBEAN VEGETABLE

This supplemental label expires June 29 2015 and must not be used or distributed after this date

For Agricultural Uses

ACTIVE INGREDIENT

Acequinocyl	15.8%
Other 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**

DIRECTIONS FOR USE

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

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR KANEMITE 15 SC BEFORE APPLYING. USE OF KANEMITE 15 SC ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR **KANEMITE 15 SC MITICIDE (EPA Reg No 66330 38)**

ACCEPTED
JUL 03 2012
Under the Federal Insecticide, Fungicide,
and Rodenticide Act as amended, for the
pesticide registered under

KANEMITE 15 SC Miticide
Supplemental Label
AD062212

EPA Reg No 66330-38

SMALL FRUIT VINE CLIMBING SUBGROUP EXCEPT FUZZY KIWIFRUIT SUBGROUP 13 07F (AMUR RIVER GRAPE GOOSEBERRY GRAPE KIWIFRUIT HARDY MAYPOP SCHISANDRA BERRY CULTIVARS VARIETIES AND/OR HYBRIDS OF THESE)

PEST	USE RATE
Pacific spider mite (<i>Tetranychus pacificus</i>) Two spotted spider mite (<i>Tetranychus urticae</i>) Willamette spider mite (<i>Eotetranychus willamettei</i>)	21 fl oz – 31 fl oz/A
<p>For optimal control use 150 gpa or higher</p> <p>RESTRICTIONS</p> <ul style="list-style-type: none"> • Do not use less than 100 gallons of water volume per acre • Apply to every row to ensure coverage Do not use in alternate row middle applications • 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 • Restricted Entry Interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	

LOW GROWING BERRIES SUBGROUP 13 07G (BEARBERRY BILBERRY BLUEBERRY LOWBUSH CLOUDBERRY CRANBERRY LINGONBERRY MUNTRIES PARTRIDGEBERRY STRAWBERRY CULTIVARS VARIETIES AND/OR HYBRIDS OF THESE)

PEST	USE RATE
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/A
<p>RESTRICTIONS</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 1 day • Restricted entry interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	

KANEMITE 15 SC Miticide
Supplemental Label
AD062212

MELON CROP GROUP 9A AND CUCUMBER (MUSKMELON INCLUDING HYBRIDS AND/OR VARIETIES OF *Cucumis melo* (INCLUDING TRUE CANTALOUPE CANTALOUPE CASABA SANTA CLAUS MELON CRENSHAW MELON HONEYDEW MELON HONEY BALLS PERSIAN MELON GOLDEN PERSHAW MELON MANGO MELON PINEAPPLE MELON SNAKE MELON) AND WATERMELON INCLUDING HYBRIDS AND/OR VARIETIES OF (*Citrullus* spp) CUCUMBER GHERKIN (FIELD GROWN AND COMMERCIAL GREENHOUSE GROWN)

<u>PEST</u>	<u>USE RATE</u>
Two spotted spider mite (<i>Tetranychus urticae</i> and <i>Tetranychus cinnabarnus</i>) and Broad mite (<i>Polyphagotarsonamus latus</i>)	31 fl oz/A (0.3 lb ai/A)
RESTRICTIONS <ul style="list-style-type: none"> Do not use less than 30 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 lb ai) per season Preharvest interval is 1 day Restricted entry interval (REI) is 12 hours The use of an adjuvant or surfactant is prohibited 	

SUCCULENT SHELLED BEAN ALL OF THE FOLLOWING IN SUCCULENT FORM ONLY (*Cicer arietinum* (CHICKPEA GARBANZO BEAN) *Lupinus* spp (INCLUDING SWEET LUPINE WHITE SWEET LUPINE WHITE LUPINE AND GRAIN LUPINE) *Phaseolus* spp (INCLUDING KIDNEY BEAN LIMA BEAN MUNG BEAN NAVY BEAN PINTO BEAN SNAP BEAN AND WAXBEAN) *Vicia faba* (BROAD BEAN FAVA BEAN) *Vigna* spp (INCLUDING ASPARAGUS BEAN BLACKEYED PEA AND COWPEA)

<u>PEST</u>	<u>USE RATE</u>
Two spotted spider mite (<i>Tetranychus urticae</i>) and Broad mite (<i>Polyphagotarsonamus latus</i>)	31 fl oz/A (0.3 lb ai/A)
RESTRICTIONS <ul style="list-style-type: none"> Do not use less than 30 gallons of water volume per acre Allow a minimum of 14 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 lb ai) per season Do not allow grazing on cowpea forage within 7 days of the last treatment Preharvest interval is 7 days Restricted entry interval (REI) is 12 hours The use of an adjuvant or surfactant is prohibited 	

KANEMITE 15 SC Miticide
Supplemental Label
AD062212

CANEBERRY CROP SUBGROUP 13 07A (BLACKBERRY LOGANBERRY RASPBERRY BLACK AND RED WILD RASPBERRY CULTIVARS VARIETIES AND/OR HYBRIDS OF THESE)

PEST	USE RATE
Pacific spider mite (<i>Tetranychus pacificus</i>) Strawberry spider mite (<i>Tetranychus turkestanii</i>) Two spotted spider mite (<i>Tetranychus urticae</i>)	31 fl oz/A
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> • Do not use less than 50 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 lb ai) per season • Preharvest interval is 1 day • Restricted entry interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	

CHERRY

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i>) European red mite (<i>Panonychus ulmi</i>)	31 fl oz/A
<p>RESTRICTIONS</p> <ul style="list-style-type: none"> • Do not use less than 40 gallons of water volume per acre For optimal control use 150 gallons of water per acre or higher • Apply to every row to ensure coverage Do not use in alternate row middle applications • Allow a minimum of 14 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 lb ai) per season • Preharvest interval is 7 days • Restricted Entry Interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	

SUCCULENT SOY VEGETABLE (EDAMAME)

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i>)	31 fl oz/A (0.3 lb ai/A)
<p>RESTRICTIONS</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 lb ai) per season • Preharvest interval is 7 day • Restricted entry interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	



Arysta LifeScience

Arysta LifeScience North America, LLC
15401 Weston Parkway Suite 150
Cary, NC 27513

KANEMITE® is a registered trademark of Arysta LifeScience North America LLC
Arysta LifeScience and the Arysta LifeScience logo are registered trademarks of Arysta LifeScience Corporation

KANEMITE 15 SC Miticide
Supplemental Label
AD062212

70222

Alternate Brand Name(s) for KANEMITE™ 15 SC MITICIDE are

- SHUTTLE™ 15 SC MITICIDE
- SHUTTLE™ O MITICIDE

GROUP		INSECTICIDE
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**KANEMITE™ 15 SC
MITICIDE**

FOR USE ON POME FRUITS CITRUS CANEBERRY (CROP SUBGROUP 13 07A) CHERRY CUCUMBER (FIELD GROWN AND COMMERCIAL GREENHOUSE GROWN) SMALL FRUIT VINE CLIMBING SUBGROUP (EXCEPT FUZZY KIWIFRUIT) (SUBGROUP 13 07F) LOW GROWING BERRIES (SUBGROUP 13 07G) MELON (SUBGROUP 9A) SUCCULENT SHELLED BEAN SUCCULENT SOYBEAN VEGETABLE TREE NUTS (INCLUDING ALMONDS AND PISTACHIOS) FRUITING VEGETABLES (EXCEPT CUCURBITS) (FIELD GROWN AND COMMERCIAL GREENHOUSE GROWN) EDIBLE PODDED BEANS HOPS AND OKRA

FOR USE IN COMMERCIAL GREENHOUSE AND SHADEHOUSE ON ORNAMENTAL FLORAL FOLIAGE AND ORNAMENTAL NURSERY CROPS ON ORNAMENTALS IN OUTDOOR LANDSCAPES AROUND THE PERIMETER OF RESIDENCES BUSINESSES SCHOOLS AND PUBLIC PROPERTY AND ON ORNAMENTALS IN NON RESIDENTIAL INTERIORSCAPES

INGREDIENTS

Active Ingredient	By wt
Acequinocyl	15.8%
Other 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)

For Product Use Information Call 1 866 761 9397

Produced for
Arysta LifeScience North America LLC
15401 Weston Parkway Suite 150
Cary NC 27513

ACCEPTED
JUL 03 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act as amended, for the
pesticide registered under

NET CONTENTS _____ GALLON(S) _____

EPA Reg No 66330 38

EPA EST No

EPA Reg No 66330-38

Batch Code for product contained _____

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 Harmful if inhaled Avoid breathing spray mist Harmful if absorbed through skin Causes moderate eye irritation Harmful if swallowed Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse Wear long sleeved shirt and long pants socks and shoes and chemical resistant gloves made of waterproof material

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 follow 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

NON AGRICULTURAL USE REQUIREMENTS

THE REQUIREMENTS IN THIS BOX APPLY TO USES OF THIS PRODUCT THAT ARE NOT WITHIN THE SCOPE OF THE WORKER PROTECTION STANDARD FOR AGRICULTURAL PESTICIDES (40 CFR PART 170) The WPS applies when this product is used to produce agricultural plants on farms forests nurseries or greenhouses

RESTRICTIONS

- The area being treated must be vacated by unprotected persons
- Keep children pets and unprotected persons out of treated areas until sprays have dried

PRODUCT 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*) Texas citrus mite (*Eutetranychus banksi*) and Spruce spider mite (*Oligonychus ununquus*) Strawberry spider mite (*Tetranychus turkestanii*) Willamette spider mite (*Eotetranychus willamettei*) Two spotted spider mite (*Tetranychus urticae* and *Tetranychus cinnabarnus*) and Broad mite (*Polyphagotarsonamus latus*)

When applied to the foliage as directed KANEMITE 15 SC provides knockdown and residual control Due to its mode of action KANEMITE 15 SC is not expected to have 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

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management KANEMITE 15 SC contains a Group 20B insecticide Mites with acquired resistance to Group 20B insecticides may eventually dominate the mite population if this group of insecticides is used repeatedly in the same field or in successive years as the primary method of control for targeted pests Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals such as enhanced metabolism may also exist Follow appropriate resistance management strategies If resistance develops the product may lose effectiveness in controlling the target pests

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
- 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 LLC at 1 866 761 9397
- Incorporate IPM techniques into your insect/mite control program
- Ensure thorough spray coverage of all foliage
- It is recommended that KANEMITE 15 SC not be used in successive applications Rotation with other miticides having different modes of action is recommended

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ORNAMENTAL PLANT TOLERANCE

Neither the manufacturer nor the seller has determined whether or not KANEMITE 15 SC can be used safely on all varieties and cultivars. KANEMITE 15 SC has been tested on a variety of plants with no phytotoxicity observed at label rates. Since all plant species and their varieties and cultivars have not been tested for tolerance, it is recommended that a small number of plants be sprayed to make certain that no phytotoxicity occurs prior to any large scale application to plants. The end user assumes all risks arising from application of KANEMITE 15 SC in a manner inconsistent with its labeling. **Certain varieties of IMPATIENS and MINIATURE ROSES are known to be sensitive to certain pesticides. Before using KANEMITE 15 SC for mite control in the production of these ornamentals in particular, test them for sensitivity to KANEMITE 15 SC on a limited scale before widespread use.**

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 Phos ethyl (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. If allowed for use on your specific crop, a high quality wetting agent or other agricultural spray adjuvant may be added to spray solutions according to the manufacturer's use directions. KANEMITE 15 SC must 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. Allowing the spray mixture to stand without agitation may result in an improperly suspended mixture. If agitation is stopped for any reasons, thoroughly re mix the spray solution prior to any further use. Apply with properly calibrated spray equipment.

APPLICATION INFORMATION

Apply KANEMITE 15 SC when threshold populations are observed and before 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 listed mite species. 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.

Rotational Crop Restrictions

Food and feed crops not listed on this label must not be planted within 30 days of the last Kanemite 15 SC application.

RESTRICTIONS

- Do not apply this product through any type of irrigation system
- Do not apply by air
- Do not apply within 75 feet of aquatic areas

- Not for indoor residential use

TREE NUTS (ALMONDS BEECH NUT BRAZIL NUT BUTTER NUT CASHEW CHESTNUT CHINQUAPIN FILBERT HICKORY NUT MACADAMIA NUT PECAN BLACK WALNUT AND ENGLISH WALNUT) AND PISTACHIOS

PEST	USE RATE
Pacific spider mite (<i>Tetranychus pacificus</i>) Two spotted spider mite (<i>Tetranychus urticae</i>) Willamette spider mite (<i>Eotetranychus willamettei</i>)	21 fl oz – 31 fl oz/A

For optimal control use 150 gallons of water per acre or higher

RESTRICTIONS

- Do not use less than 100 gallons of water volume per acre Apply to every row to ensure coverage Do not use in alternate row middle applications
- 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
- Restricted Entry Interval (REI) is 12 hours

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

PEST	USE RATE
Two spotted spider mite Spruce mite European red mite Citrus red mite (<i>Panonychus citri</i>) Pacific spider mite (<i>Tetranychus pacificus</i>) Texas citrus mite (<i>Eutetranychus banksi</i>) Strawberry spider mite	21 fl oz – 31 fl oz/A

For optimal control use 150 gallons of water per acre or higher

RESTRICTIONS

- Do not use less than 100 gallons of water volume
- 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 Follow individual label directions and observe all restrictions for each product

SMALL FRUIT VINE CLIMBING SUBGROUP EXCEPT FUZZY KIWIFRUIT SUBGROUP 13 07F (AMUR RIVER GRAPE GOOSEBERRY GRAPE KIWIFRUIT HARDY MAYPOP SCHISANDRA BERRY CULTIVARS VARIETIES AND/OR HYBRIDS OF THESE)

PEST	USE RATE
Pacific spider mite (<i>Tetranychus pacificus</i>) Two spotted spider mite (<i>Tetranychus urticae</i>) Willamette spider mite (<i>Eotetranychus willamettei</i>)	21 fl oz – 31 fl oz/A
For optimal control use 150 gpa or higher RESTRICTIONS <ul style="list-style-type: none"> • Do not use less than 100 gallons of water volume per acre • Apply to every row to ensure coverage Do not use in alternate row middle applications • 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 • Restricted Entry Interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	

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

PEST	USE RATE
European red mite (<i>Panonychus ulmi</i>) Pacific spider mite (<i>Tetranychus pacificus</i>) Two spotted spider mite (<i>Tetranychus urticae</i>)	21 fl oz – 31 fl oz/A
RESTRICTIONS <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 14 days 	

LOW GROWING BERRIES SUBGROUP 13 07G (BEARBERRY BILBERRY BLUEBERRY LOWBUSH CLOUDBERRY CRANBERRY LINGONBERRY MUNTRIES PARTRIDGEBERRY STRAWBERRY CULTIVARS VARIETIES AND/OR HYBRIDS OF THESE)

PEST	USE RATE
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/A
RESTRICTIONS <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 1 day • Restricted entry interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	

FRUITING VEGETABLES (EXCEPT CUCURBITS) (FIELD GROWN AND COMMERCIAL GREENHOUSE GROWN EGGPLANT GROUNDCHERRY (*PHYSALIS SPP*) PEPINO PEPPER (INCLUDES BELL PEPPER CHILI PEPPER COOKING PEPPER PIMENTO SWEET PEPPER) TOMATILLO and TOMATO)

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i> and <i>Tetranychus cinnabarnus</i>)	31 fl oz/A (0.3 lbs ai/A)
RESTRICTIONS <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 1 day • Restricted entry interval (REI) is 12 hours • The use of an adjuvant or surfactant is prohibited 	

MELON CROP GROUP 9A AND CUCUMBER (MUSKMELON INCLUDING HYBRIDS AND/OR VARIETIES OF *Cucumis melo* (INCLUDING TRUE CANTALOUPE CANTALOUPE CASABA SANTA CLAUS MELON CRENSHAW MELON HONEYDEW MELON HONEY BALLS PERSIAN MELON GOLDEN PERSHAW MELON MANGO MELON PINEAPPLE MELON SNAKE MELON) AND WATERMELON INCLUDING HYBRIDS AND/OR VARIETIES OF (*Citrullus spp*) CUCUMBER GHERKIN (FIELD GROWN AND COMMERCIAL GREENHOUSE GROWN)

<u>PEST</u>	<u>USE RATE</u>
Two spotted spider mite (<i>Tetranychus urticae</i> and <i>Tetranychus cinnabarinus</i>) and Broad mite (<i>Polyphagotarsonamus latus</i>)	31 fl oz/A (0.3 lb ai/A)

- RESTRICTIONS**
- Do not use less than 30 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 lb ai) per season
 - Preharvest interval is 1 day
 - Restricted entry interval (REI) is 12 hours
 - The use of an adjuvant or surfactant is prohibited

SUCCULENT SHELLED BEAN ALL OF THE FOLLOWING IN SUCCULENT FORM ONLY (*Cicer arietinum* (CHICKPEA GARBANZO BEAN) *Lupinus spp* (INCLUDING SWEET LUPINE WHITE SWEET LUPINE WHITE LUPINE AND GRAIN LUPINE) *Phaseolus spp* (INCLUDING KIDNEY BEAN LIMA BEAN MUNG BEAN NAVY BEAN PINTO BEAN SNAP BEAN AND WAXBEAN) *Vicia faba* (BROAD BEAN FAVA BEAN) *Vigna spp* (INCLUDING ASPARAGUS BEAN BLACKEYED PEA AND COWPEA)

<u>PEST</u>	<u>USE RATE</u>
Two spotted spider mite (<i>Tetranychus urticae</i>) and Broad mite (<i>Polyphagotarsonamus latus</i>)	<u>31 fl oz/A</u> <u>(0.3 lb ai/A)</u>

- RESTRICTIONS**
- Do not use less than 30 gallons of water volume per acre
 - Allow a minimum of 14 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 lb ai) per season
 - Do not allow grazing on cowpea forage within 7 days of the last treatment
 - Preharvest interval is 7 days
 - Restricted entry interval (REI) is 12 hours
 - The use of an adjuvant or surfactant is prohibited

CANEBERRY CROP SUBGROUP 13 07A (BLACKBERRY LOGANBERRY RASPBERRY BLACK AND RED WILD RASPBERRY CULTIVARS VARIETIES AND/OR HYBRIDS OF THESE)

PEST	USE RATE
Pacific spider mite (<i>Tetranychus pacificus</i>) Strawberry spider mite (<i>Tetranychus turkestanii</i>) Two spotted spider mite (<i>Tetranychus urticae</i>)	31 fl oz/A
RESTRICTIONS <ul style="list-style-type: none"> Do not use less than 50 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 lb ai) per season Preharvest interval is 1 day Restricted entry interval (REI) is 12 hours The use of an adjuvant or surfactant is prohibited 	

CHERRY

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i>) European red mite (<i>Panonychus ulmi</i>)	31 fl oz/A
RESTRICTIONS <ul style="list-style-type: none"> Do not use less than 40 gallons of water volume per acre. For optimal control use 150 gallons of water per acre or higher Apply to every row to ensure coverage. Do not use in alternate row middle applications Allow a minimum of 14 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 lb ai) per season Preharvest interval is 7 days Restricted Entry Interval (REI) is 12 hours The use of an adjuvant or surfactant is prohibited 	

OKRA

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i> and <i>Tetranychus cinnabarinus</i>) and Broad mite (<i>Polyphagotarsonamus latus</i>)	31 fl oz/A (0.3 lbs ai/A)

RESTRICTIONS

- 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
- Restricted entry interval (REI) is 12 hours
- The use of an adjuvant or surfactant is prohibited

EDDIBLE PODDED BEANS

BEAN (*PHASEOLUS*) (INCLUDES RUNNER BEAN SNAP BEAN WAX BEAN) BEAN (*VIGNA*) (INCLUDES ASPARAGUS BEAN CHINESE LONGBEAN MOTH BEAN YARDLONG BEAN) JACKBEAN AND SWORD BEAN

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i>)	31 fl oz/A (0.3 lbs ai/A)

RESTRICTIONS

- 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 day
- Restricted entry interval (REI) is 12 hours
- The use of an adjuvant or surfactant is prohibited

SUCCULENT SOY VEGETABLE (EDAMAME)

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i>)	31 fl oz/A (0.3 lb ai/A)

RESTRICTIONS

- 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 lb ai) per season
- Preharvest interval is 7 day
- Restricted entry interval (REI) is 12 hours
- The use of an adjuvant or surfactant is prohibited

HOPS

PEST	USE RATE
Two spotted spider mite (<i>Tetranychus urticae</i>)	31 fl oz/A (0.3 lbs ai/A)

RESTRICTIONS

- 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 day
- Restricted entry interval (REI) is 12 hours
- The use of an adjuvant or surfactant is prohibited

APPLICATION TO PRODUCTION AND LANDSCAPE ORNAMENTALS

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*) Texas citrus mite (*Eutetranychus banksi*) and Spruce spider mite (*Oligonychus ununquus*) Strawberry spider mite (*Tetranychus turkestanii*) Willamette spider mite (*Eotetranychus willamettei*) and Two spotted spider mite (*Tetranychus urticae*) on production and landscape ornamentals

For control of susceptible mites mix 6.4–12.8 fluid ounces of KANEMITE 15 SC in 100 gallons of water. Apply as a full coverage spray to the foliage to the point of drip. Actual spray volume used per acre will vary depending on the size of plants being sprayed. Make application as soon as mite population reaches threshold infestation levels.

KANEMITE 15 SC will control susceptible mite infestations on ornamental plants growing in interiorscapes, arboreta, field nursery plantings, container nurseries, forest nurseries, residential and commercial landscapes, greenhouses, commercial lath and shade houses, parks and recreation areas and areas surrounding schools.

APPLICATION RATES

PEST	USE RATE
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 ununquus</i>) Two spotted spider mite (<i>Tetranychus urticae</i>) Willamette spider mite (<i>Eotetranychus willamettei</i>) Strawberry spider mite (<i>Tetranychus turkestanii</i>) Texas citrus mite (<i>Eutetranychus banksi</i>)	6.4 fl oz – 12.8 fl oz/A

- RESTRICTIONS**
- Apply a maximum of 12.8 oz/A/application not to exceed 25.6 oz/A/year
 - Do not use less than 100 gallons of water volume per acre
 - Allow a minimum of 14 days between treatments
 - Not for indoor residential use

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original container and keep tightly closed. Store in a cool, dry place. Protect from excessive heat. For help with any spill, leak, fire or exposure involving this material, call CHEMTREC day or night at (703) 527-3887 or 1-800-424-9300.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING

Non-refillable container. Do not reuse or refill this container. Triple-rinse or pressure-rinse container (or equivalent) promptly after emptying. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

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 $\frac{1}{4}$ 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 this procedure two more times.

Pressure-rinse as follows: Empty the remaining contents into application equipment or a mix tank for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable containers. Do not reuse or refill this container. After emptying product from container, either return container to Arysta LifeScience per instructions from Arysta LifeScience North America service center (1-800-xxx-xxxx) or rinse and either recycle or dispose of the container as follows:

Bottom Discharge IBC (e.g., Schuetz Caged IBC or Snyder Square Stackable)

Pressure-rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure-rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure-rinsing. Continue pressure-rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g., Snyder 120 Next Gen, Bonar B120, Drums and Kegs)

Triple-rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple-rinse the container before final disposal, empty the remaining contents from this container into application equipment or rinsate collection system. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling, if available, or puncture and dispose of in a sanitary landfill.

Refillable Containers

Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose After emptying product from container either return container to Arysta LifeScience North America per instructions from Arysta LifeScience North America Customer Service Center (1 800 XXXXXXXX) or rinse and either recycle or dispose of the container

Refilling or Returning Containers

If refilling or returning container is planned end users are not authorized to remove tamper evident cables one way valves or clean container

Recycle or Disposal of Containers

End users are authorized to remove tamper evident cable as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned Instructions for container rinsing and either recycling or disposal are as follows

Bottom Discharge IBC (e g Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To pressure rinse the container before final disposal empty the remaining contents from the IBC into application equipment or mix tank Raise the bottom of the IBC by 1 5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal Completely remove the top lid of the IBC Use water pressurized to at least 40 PSI to rinse all interior portions Continuously pump or rinsate becomes clear Replace the lid and close bottom valve

Top Discharge IBC, Drums, Kegs (e g Snyder 120 Next Gen, Bonar B120, Drums and Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To triple rinse the containers before final disposal empty the remaining contents from this container into application equipment or mix tank Fill the container at least 10 percent full with water Agitate vigorously or recirculate water with the pump for 2 minutes Rinse all interior surfaces Pour or pump rinsate into application equipment or rinsate collection system Repeat this procedure two more times

Once container is rinsed offer for recycling if available or puncture and dispose of in a sanitary landfill

Warranty and Disclaimer Statement

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 LLC (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.

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.

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.

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.

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