

**KANEMITE<sup>®</sup> 15 SC**  
MITICIDE

GROUP	20B	ACARICIDE
-------	-----	-----------

FOR USE ON POME FRUIT, FIELD GROWN ORNAMENTALS, CANEBERRY, FIELD GROWN  
EGGPLANT, AND TREE NUTS

AGRICULTURAL  
Suspension

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

**GUARANTEE:**

Acequinocyl.....15.8%

Contains 2-bromo-2-nitropropane-1,3-diol at 0.009%, 2-methyl-4-isothiazolin-3-one at 0.0006%, and  
5-chloro-2-methyl-4-isothiazolin-3-one at 0.0014% as preservatives

**REGISTRATION NUMBER 28641 PEST CONTROL PRODUCTS ACT**

**NET CONTENTS: 5 Litres**

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

**For Product Use Information: 1-866-761-9397**  
**AD020213**

## GENERAL INFORMATION

**KANEMITE® 15 SC MITICIDE** is a miticide for the control of Two-spotted spider mite (*Tetranychus urticae*) and Spruce spider mite (*Oligonychus ununguis*) on field ornamentals. This product also controls Two-spotted spider mite (*Tetranychus urticae*) and European red mite (*Panonychus ulmi*) on pome fruit, and Two-spotted spider mite (*Tetranychus urticae*) on caneberry and tree nuts. When applied to the foliage as directed, **KANEMITE 15 SC MITICIDE** provides quick knockdown and long residual control.

## RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **KANEMITE 15 SC MITICIDE** contains a Group 20B acaricide. Any mite population may contain individuals naturally resistant to **KANEMITE 15 SC MITICIDE** and other Group 20B acaricides. The resistant individuals may dominate the mite population if this group of acaricides 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 acaricide resistance:

- Where possible, rotate the use of **KANEMITE 15 SC MITICIDE** or other Group 20B acaricides 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 MITICIDE** or other acaricides in the same group in a season.
- Use tank mixtures with acaricides from a different group when such use is permitted.
- Acaricide 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.

## PLANT TOLERANCE

Neither the manufacturer nor the seller has determined whether or not **KANEMITE 15 SC MITICIDE** can be used safely on all varieties and cultivars. **KANEMITE 15 SC MITICIDE** 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 MITICIDE** in a manner inconsistent with its labeling. Do not apply to miniature roses and impatiens.

## DIRECTIONS FOR USE

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

**DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**Airblast application:** **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

**Field sprayer application:** **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) fine classification. Boom height must be 60 cm or less above the crop or ground.

**DO NOT** apply by air.

**Buffer zones:**

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of Application	Crop	Buffer Zones (metres) Required for the Protection of:			
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer*	Caneberries	2	1	10	4
Field sprayer*	Field floral, foliage, nursery crops and Eggplants	2	1	10	4
	Roses (not miniature roses)	1	1	5	2
Airblast (early growth stage)	Apple, pear, tree nuts	15	5	35	30
Airblast (late growth stage)	Apple, pear, tree nuts	5	3	30	20

\* For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy or ground, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy or ground, the labelled buffer zone can be reduced by 30%.

For tank mixes, consult the labels of the tank mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

**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. 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

Apply **KANEMITE 15 SC MITICIDE** when treatment thresholds have been reached, as determined by local monitoring. Do not wait until large mite populations have been established.

Thorough coverage is required for optimum control. To achieve adequate coverage use proper spray pressures, nozzles and nozzle spacing. For pome fruit, apply **KANEMITE 15 SC MITICIDE** in sufficient water volume to ensure uniform and thorough coverage of foliage.

### POME FRUITS (APPLES AND PEARS)

For control of Two-spotted spider mite (*Tetranychus urticae*) and European red mite (*Panonychus ulmi*) apply 2.07 of **KANEMITE 15 SC MITICIDE** per hectare as a full coverage spray to the foliage. Thorough coverage is essential for effective control of Two-spotted spider mite and European red mite. Actual spray volume will vary depending on the size of trees being sprayed. Application should be made as soon as the mite population reaches economic infestation levels.

PEST	Rate of product per HA***	Comments
Two-spotted spider mite ( <i>Tetranychus urticae</i> ) European red mite ( <i>Panonychus ulmi</i> )	2.07 L/ha (0.34 kg ai/ha)	<ul style="list-style-type: none"> <li>Allow a minimum of 21 days between applications of <b>KANEMITE 15 SC MITICIDE</b> and apply only when thresholds are reached as determined through monitoring.</li> <li>Pre-Harvest Interval (PHI): 14 days</li> <li>Restricted Entry Interval (REI): 12 hours.</li> </ul>
***The application rate should be based on amount of product applied per hectare, applied in the appropriate water volume to achieve thorough coverage of all plant surfaces. For example, if you apply 3000 litres of water per hectare thoroughly mix 2.07 L of product in 3000 litres of water and apply for coverage of all above-ground plant surfaces. Use care in mixing and application to avoid exceeding 2.07 L of product per hectare regardless of the selected spray volume.		

### FIELD ORNAMENTALS

For control of Two-spotted spider mite (*Tetranychus urticae*) and Spruce spider mite (*Oligonychus ununguis*) mix 0.21 – 0.46 L of **KANEMITE 15 SC MITICIDE** in 500 L of water (0.07-0.15g ai/L of solution) and apply as a full coverage spray to the foliage to drip except for roses where the maximum application rate is 0.21 L in 500 L of water (0.07g ai/L of solution) (Table 1. and 2.). Thorough coverage is essential for effective control of Two-spotted spider mite and Spruce spider mite. Actual spray volume will vary depending on the size of plants being sprayed. Application should be made as soon as the mite population reaches economic infestation levels. Apply the higher concentration for heavy pest infestations.

**Table 1. Application Rate For Field Floral, Foliage and Nursery Crops\***  
(For Roses See Table 2)

PEST	Rate of product per 500 L of water
Two-spotted spider mite ( <i>Tetranychus urticae</i> ) Spruce spider mite ( <i>Oligonychus ununguis</i> )	0.21 - 0.46 L (0.07 - 0.15g ai/L of solution)

\* Do not apply to impatiens.

**Table 2. Application Rate for Field Roses (Except Miniature Roses)\*\***

PEST	Rate of product per 500 L of water
Two-spotted spider mite ( <i>Tetranychus urticae</i> )	0.21 L (0.07g ai/L of solution)

\*\*Do not apply to miniature roses.

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:**

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Arysta LifeScience North America, LLC (ARYSTA) and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. ARYSTA itself makes no representation or warranty with respect to performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold ARYSTA harmless from any claims based on efficacy or phytotoxicity in connection with the uses described on this Label below.

**CROP SUBGROUP 13-07A: CANEBERRY**

Thorough spray coverage is required for optimum control. For control of Two-spotted spider mite (*Tetranychus urticae*) mix **KANEMITE 15 SC** in 468 - 1871 L of water and apply as a full coverage spray to the foliage to drip. Actual spray volume will vary depending on the size of plants being sprayed. Application should be made as soon as the mite population reaches economic infestation levels.

**CROP SUBGROUP 13-07A:** Caneberry (Blackberry; Loganberry; Raspberry, Black And Red; Wild Raspberry; Cultivars, Varieties, And/Or Hybrids Of These).

PEST	Rate of product per HA***	Comments
Two-spotted spider mite ( <i>Tetranychus urticae</i> )	2.07 L/ha (0.340 kg ai/ha)	<ul style="list-style-type: none"> <li>Allow a minimum of 21 days between applications of <b>KANEMITE 15 SC</b> and apply only when thresholds are reached as determined through monitoring.</li> <li>Pre-Harvest Interval (PHI): 1 day</li> <li>Restricted Entry Interval (REI): 12 hours.</li> </ul>

\*\*\*The application rate should be based on amount of product applied per hectare, applied in the appropriate water volume to achieve thorough coverage of all plant surfaces. For example, if you apply 1000 litres of water per hectare thoroughly mix 2.07 L of product in 1000 litres of water and apply for coverage of all above-ground plant surfaces. Use care in mixing and application to avoid exceeding 2.07 L of product per hectare regardless of the selected spray volume.

Apply as a full coverage spray to the foliage to drip. Actual spray volume will vary depending on the size of the plants sprayed. Apply the higher concentration for heavy pest infestations.

Formatted: Font: Bold





**FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE,  
CALL 1-866-303-6952**

**TOXICOLOGICAL INFORMATION**

Treat symptomatically.

**ENVIRONMENTAL HAZARDS**

**TOXIC** to aquatic organisms. Observe buffer zones specified under **DIRECTIONS FOR USE**.

For reduced runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to: heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted or fine textured such as clay).

Avoid application of this product when heavy rain is forecasted.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

**STORAGE**

May be stored at ambient temperature. Keep in original container. This product should not be stored under extreme temperatures. To close package, make sure the package is folded to form an airtight seal and store under dry conditions. Insecticides and fungicides should be segregated from herbicides to prevent the possibility of cross-contamination. To prevent contamination, store this product away from food or feed.

**SPILL HANDLING**

Clean up spill immediately. Place product and any contaminated cleanup materials in a chemical waste container. Wash area with soap and water. Pick up wash liquid with additional absorbent and place in a disposable container.

**FOR 24-HOUR CHEMICAL EMERGENCY (Spills, Leak, Fire, Exposure, or Accident)  
Assistance, Call CHEMTREC 1-800-424-9300.**

**DISPOSAL**

Triple-or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean up of spills.

**NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offense under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.