

Kanemite® Miticide

Might Versus Mites™



For outstanding control of Two-spotted spider and European red mites with a single rate of application in apples and pears.

In this age of Integrated Pest Management (IPM), a miticide has to be both effective and have low impact on predatory mites and other beneficial species. KANEMITE® 15 SC Miticide from Arysta LifeScience is one of the most effective miticides on the market today and it fits well in most IPM programs.

KANEMITE delivers rapid knockdown and control of two-spotted spider and European red mites. KANEMITE is easy on predatory mites, honeybees and other beneficial species. Plus, KANEMITE features the active ingredient – acequinocyl – with a unique mode of action making it an ideal choice to help manage mite resistance.

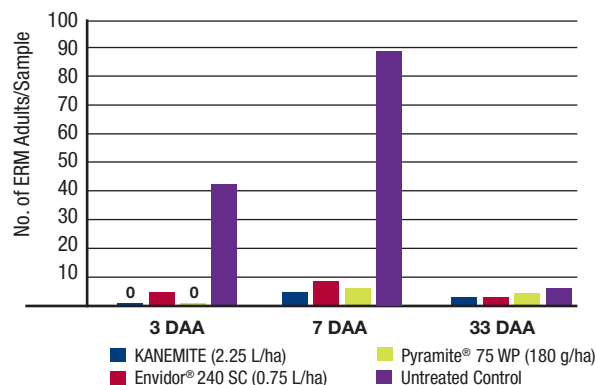
When you add it all up, it's easy to see why KANEMITE is such an exceptional value. The kind of value you can count on for higher yields of more marketable fruit.

How does KANEMITE compare with other mite control options?

The following charts indicate KANEMITE delivers effective control of European red mite (ERM) with little or no impact on beneficial mite populations.

European Red Mite Control in Apples

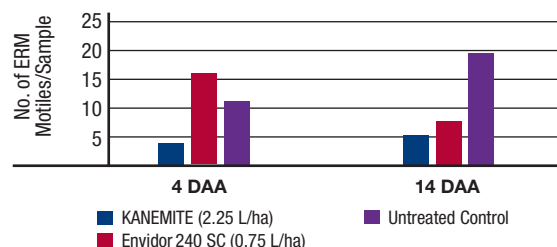
Southern Crop Protection and Food Research Centre; Agriculture and Agri-Food Canada; Vineland, ON



Application Date: 6/30; Evaluation Dates: 7/3, 7/7, 8/2; DAA = Days after application

Late Season European Red Mite Control in Apples

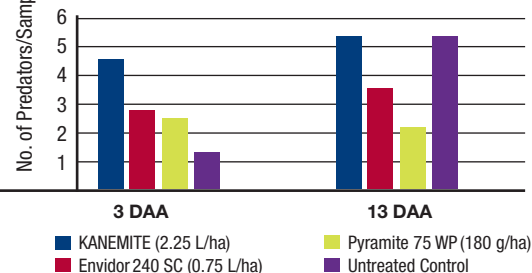
Southern Crop Protection and Food Research Centre; Agriculture and Agri-Food Canada; Vineland, ON



Application Date: 7/29; Evaluation Dates: 8/2, 8/12; DAA = Days after application

Effect on Predatory Mites in Apples

Southern Crop Protection and Food Research Centre; Agriculture and Agri-Food Canada; Vineland, ON



Application Date: 6/30; Evaluation Dates: 7/3, 7/13; DAA = Days after application

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Application Rates and Timing for Apples and Pears

Pest	Rate of Product per Hectare*	Application Guidelines
Two-spotted spider mite <i>(Tetranychus urticae)</i> European red mite <i>(Panonychus ulmi)</i>	2.07 L (0.34 kg ai/ha)	<ul style="list-style-type: none"> • Allow a minimum of 21 days between applications of KANEMITE 15 SC and apply only when thresholds are reached as determined through monitoring. • Pre-harvest Interval (PHI) of 14 days. • Restricted Entry Interval (REI) of 12 hours.

* 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.

Benefits of new KANEMITE Miticide.

Along with effective control of two-spotted spider and European red mites with a single rate of application, new KANEMITE Miticide offers you these other value-added benefits.

- Activity on pest mites at all life stages (eggs, nymphs and adults) offers application timing flexibility
- A unique mode of action with no known cross-resistance to other miticides ensures effectiveness and allows for true miticide rotations
- Little or no impact on honeybees, predatory mites and other beneficial species making it an excellent fit for IPM programs
- Rapid knockdown activity to stop mite “flare-ups” before they get out of hand
- A Pre-harvest Interval (PHI) of just 14 days allows for late season use (if necessary)
- A Restricted Entry Interval (REI) of only 12 hours will not limit activity in your orchard
- Quick rainfastness allows for application flexibility during periods of inclement weather

To learn how KANEMITE 15 SC Miticide can help improve your mite control program in apples and pears, contact your consultant or crop protection supplier today. And for more information about KANEMITE, log on to www.arystalifescience.ca/kanemiteca or call 1-866-761-9397 toll free.

Effects of KANEMITE on Honeybees, Predators and Beneficial Species

Honeybees	Practically non-toxic
Predatory mites <i>(Typhlodromus pyri,</i> <i>Typhlodromus occidentalis,</i> <i>Zetzellia mali,</i> <i>Amblyseius fallacis)</i>	Little or no impact
Parasitic bees <i>(Encarcia species)</i>	Little or no impact
Spiders	Little or no impact
Earthworms	Little or no impact

Restrictions and Limitations

- Maximum seasonal use rate: Do not apply more than a total of 4.1 L of KANEMITE per hectare (0.675 kg ai/ha) per season.
- Do not make more than two applications of KANEMITE per year.
- Do not apply KANEMITE by air.
- Do not apply this product through any type of irrigation system.
- Do not use less than 1000 L of water volume per hectare as a dilute application.
- Use KANEMITE in rotation with other miticides having different modes of action.

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