



# Floramite®: Targeted mite control that respects your beneficials

## What is Floramite miticide?

Floramite ornamental miticide delivers rapid and broad-spectrum control of multiple species of spider mites (*Tetranychidae*). Floramite is effective through both contact and residual activity, controlling all life stages of *Tetranychidae* spider mites. Floramite is minimally disruptive to beneficial insects and predatory mites, making it suitable for integrated pest management (IPM) programs. Its unique mode of action also supports resistance management strategies.

## How does Floramite work?

Floramite works through contact and residual control by inhibiting electron transport within the mitochondria (energy-producing cells) of spider mites while being relatively inactive against beneficial insects and predacious mites, perfect for IPM programs.

## Application guidelines

- + Apply Floramite in 4–8 fluid ounces per 100 gallons of water.
- + Use 4 fluid ounces per 100 gallons of water for preventive applications or where mite infestations are light. Up to 8 fluid ounces per 100 gallons of water may be required for heavy infestations or for extended residual control.
- + Floramite may be applied once before rotating to an alternate chemistry such as Savate® insecticide, Akari® insecticide or other miticides for two applications before a repeat Floramite application.
- + Floramite can be mixed with spreader stickers for improved plant coverage and efficacy. Users are recommended to conduct a small-scale test of adjuvant prior to any large-scale uses.

**IRAC Code:** 20D

**REI:** 12 hr

### General use notes

- + Floramite is tank-mix compatible with commonly used insecticides and fungicides
- + Floramite must be fully dispersed in water with the agitator engaged before the addition of tank-mix materials
- + For best results, adjust tank pH to neutral or acidic range as Floramite degrades rapidly in alkaline water

**PPE:** Long-sleeved shirt and long pants, shoes plus socks

## Product attributes

- + Quick knockdown
- + Up to 28 days of control
- + Novel mode of action
- + Less toxic to many commonly used beneficial insects and predatory mites
- + Controls a diversity of spider mites

## Mites controlled

- + Bamboo spider
- + Citrus red
- + Clover
- + European red
- + Lewis
- + Pacific
- + Southern red
- + Spruce spider
- + Strawberry
- + Two-spotted

## Labeled use sites

- + Greenhouses and shadehouses
- + Nurseries
- + Christmas tree/conifer plantations
- + Landscapes (residential and commercial), recreational sites, golf courses, parks and athletic fields
- + Interiorscapes
- + Greenhouse tomato varieties that are greater than 1 inch in diameter when mature

## Suggested rotation for controlling spider mites

For spider mite prevention just before weather turns hot and dry, or for a quick knockdown, start with Floramite® miticide. Follow with Savate® insecticide, a translaminar miticide that translocates to hard-to-reach leaf undersides and whorls. Continue the rotation between Floramite, Savate, Akari® 5SC insecticide and/or Sultan® miticide as needed. All four products were chosen based upon their ability to kill all life stages of spider mites.

| Treatment        | IRAC group | Activity              | REI  | Rate/100 gallons   | Application intervals                                   |
|------------------|------------|-----------------------|------|--------------------|---------------------------------------------------------|
| <b>Floramite</b> | 20D        | Contact               | 12 h | foliar 4-8 fl oz   | 28 days; do not exceed 2 applications per crop          |
| <b>Savate</b>    | 23         | Contact, translaminar | 12 h | foliar 1-4 fl oz   | Apply when spider mite populations are high; 14-28 days |
| Akari 5SC®       | 21A        | Contact               | 12 h | foliar 16-24 fl oz | Do not make more than 2 applications per crop           |
| Sultan®          | 25         | Contact               | 12 h | foliar 13.7 fl oz  | 14 days; do not exceed 2 applications per crop          |



Hydrangea spider mite with webbing  
Photo by Envu



Severe spider mite infestations can cause defoliation  
Photo by Envu



Stippling caused by boxwood spider mite feeding  
Photo by Dr. Cliff Sadof

### ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.

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