

FLORAMITE® SC

Ornamental Miticide



An American Vanguard Company

FOR USE ON ORNAMENTAL CROPS GROWN IN GREENHOUSES, SHADEHOUSES, NURSERIES, LANDSCAPES, AND INTERIORSCAPES AND TOMATOES GROWN IN COMMERCIAL GREENHOUSES

Product Information Bulletin

476

GENERAL INFORMATION

Floramite® SC Ornamental Miticide provides fast-acting, broad-spectrum activity on a wide range of mites and all stages of Tetranychid spider mites. **Floramite** contains two (2) pounds of active ingredient per gallon and is formulated as a suspension concentrate (SC).

Common Name: Bifenazate

Class: Carbazate

GROUP	20D	MITICIDE
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Packaging: **Floramite SC** is packaged in one quart (32 fl. oz.) containers, 8 per case.

RESTRICTED ENTRY INTERVAL(REI) AND SIGNAL WORD

REI = **12 hours**

Signal Word = **CAUTION**

PERSONAL PROTECTIVE EQUIPMENT (PPE)

- coveralls
- shoes plus socks
- chemical-resistant gloves made of any waterproof material

MODE OF ACTION

Floramite SC is effective on mites through contact and residual control. **Floramite SC** is relatively inactive against beneficial insects and predacious mites making it an ideal fit for IPM programs. **Floramite SC's** unique mode of action makes it a great fit in a resistance management strategy.

USE SITES

Floramite SC may be used on ornamental plants in greenhouses, shadehouses, nurseries, landscapes, and interiorscapes. **Floramite SC** may also be used on greenhouse tomato varieties that are greater than 1-inch in diameter when mature.

MITES CONTROLLED

Bamboo Spider	Pacific
Citrus Red	Southern Red
Clover	Spruce Spider
European Red	Strawberry
Lewis	Two Spotted

ADVANTAGES OF FLORAMITE SC

- Up to 28 days of control
- Novel mode of action
- Low rates
- Controls broad spectrum of mites
- Quick knockdown

APPLICATION RATES

Floramite SC label rates per 100 gallons of water are: 4 – 8 fluid ounces depending on target pest and infestation level. Refer to the product label for specific rate information.

TANK MIXING

Floramite SC is tank mix compatible with commonly used insecticides and fungicides. If local experience is unavailable a compatibility test should be performed before tank mixing **Floramite SC** with other insecticides and fungicides. Treat a small number of plants and observe for five days prior to making a total crop application.

Floramite SC 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 SC** degrades rapidly in alkaline water.

Floramite SC can be mixed with spreader stickers for improved wetting of hard to wet foliage. Users are recommended to conduct small scale test of adjuvant prior to any large scale uses.

RESISTANCE MANAGEMENT

Floramite SC may be applied once before rotating to an alternate chemistry such as Sultan® or others for two applications before a repeat **Floramite SC** application.

To reduce the potential for development of resistance to **Floramite SC**, alternate with insecticides and miticides from different classes of chemicals with different modes of action.

OHP products registered for control of Spider Mites

OHP Products	Chemical Class	MOA Group	Residual	REI
Ancora®	Microbial Insecticide	UNF	3 to 5 days	4
Floramite® SC	Carbazate	20D	7 to 28 days	12
Kopa™ Insecticidal Soap	Biopesticide - Soaps	UNM	7 to 14 days	12
Notavo®	Tetrazines	10A	21 days	12
Sirocco®	Carbazate + Glycoside	6 + 20D	7 to 14 days	12
Shuttle® O	Napthoquinone derivative	20B	14 to 28 days	12
Triact® 70	Clarified hydrophobic extract of neem oil	UNE	3 to 7 days	4

OHP Recipe for Success on Controlling Spider Mites

Application	Rate per 100 gallons	Rate per gallon	Rate per gallon metric	Remarks
1.) Notavo®	2 fl oz as a tank mix 4 - 8 fl. oz as a standalone	1/8 tsp to 1/2 tsp	0.6 mL to 2.4 mL	Effective on immature stages.
2.) Floramite® SC Alternative treatment and/or tank mix	4 to 8 fl. oz.	1/4 tsp to 1/2 tsp	1.2 mL to 2.4 mL	Rapid activity
3.) Kopa™ Insecticidal Soap** Alternative treatment and/or tank mix	1 to 2 gallons	1.28 to 2.56 fl. oz.	39 mL to 75 mL	Good coverage is essential. Do not apply more than 3 consecutive applications.
4.) Sirocco®	3 to 6 fl. oz.	3/16 tsp to 3/8 tsp	0.9 mL to 1.8 mL	Translaminar activity
5.) Shuttle® O	6.4 to 12.8 fl. oz.	2/5 tsp to 4/5 tsp	2 mL to 4 mL	Contact – rapid activity
6.) Triact® 70** Alternative treatment and/or tank mix	1/2 to 1 gallons	3 3/4 tsp to 7 1/2 tsp	19.5 mL to 37.5 mL	Use the lower rate in greenhouses.

** Can be used to reduce a high mite population before applying a conventional miticide. Be sure to follow label instructions and precautions if oils are used.

TBS = tablespoon tsp = teaspoon mL = milliliter 1 fl oz = 29.6 mL 1 tsp = 5 mL

Use of Floramite SC according to the labeling is subject to the use precautions and limitations imposed by the label affixed to the container of Floramite SC. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Ancora, Notavo, and Sirocco are trademarks of OHP, Inc. Triact is a trademark of Certis USA. Floramite and Shuttle are trademarks of UPL Corporation Limited Group Company. Kopa is a trademark of W. Neudorff GmbH KG.

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