

FLORAMITE® SC

Ornamental Miticide



FOR USE ON ORNAMENTAL CROPS AND TOMATOES GROWN IN
COMMERCIAL GREENHOUSES

Product Information Bulletin 475

GENERAL INFORMATION

Floramite® SC has a unique mode of action as a member of the Carbazates class of chemistry. **Floramite SC** is a fast-acting, broad-spectrum miticide. **Floramite SC** is effective on a wide range of mites and all life stages of *Tetranychid* spider mites. **Floramite SC** contains two (2) pounds of the active ingredient Bifenazate per gallon. **Floramite SC** is a suspension concentrate (SC) formulation.

Common Name: Bifenazate

Class: Carbazates

GROUP	20	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)

- long-sleeved shirt and long pants
- shoes plus socks

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 Judo® or Pylon® 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.

MITICIDE ROTATION PROGRAM

I. Low Initial Infestation

Application	Miticide	Chemical Class	MOA Group	Residual	REI
1	Floramite® (4-6 fl. oz./100 gal)	Carbazate	25	21 – 28 days	12
2	Judo™ (2 fl. oz./100 gal)	Tetronic acid	23	30 days	12
3	Pylon® (2.6 fl. oz./100 gal)*	Pyrrrole	13	21 – 28 days	12
4	Floramite® (4-6 fl. oz./100 gal)	Carbazate	25	21 – 28 days	12
5	Judo™ (2 fl. oz./100 gal)	Tetronic acid	23	30 days	12
6	Pylon® (2.6 fl. oz./100 gal)*	Pyrrrole	13	21 – 28 days	12

II. High Initial Infestation

Application	Miticide	Chemical Class	MOA Group	Residual	REI
1	Floramite® (6-8 fl. oz./100 gal)	Carbazate	25	21 – 28 days	12
2	Judo™ (2 fl. oz./100 gal)	Tetronic acid	23	30 days	12
3	Pylon® (5.2 fl. oz./100 gal)*	Pyrrrole	13	21 – 28 days	12
4	Floramite® (6-8 fl. oz./100 gal)	Carbazate	25	21 – 28 days	12
5	Judo™ (2 fl. oz./100 gal)	Tetronic acid	23	30 days	12
6	Pylon® (5.2 fl. oz./100 gal)*	Pyrrrole	13	21 – 28 days	12
1 Alternative treatment and or tank mix	Triact® 70 (0.5-1 gal/100 gal)**	Clarified hydrophobic extract of neem oil		3 – 7 days	4

* Pylon is registered for use in greenhouses only. For details regarding the use of Pylon on greenhouse vegetables, refer to the product label.

** Triact or other horticultural oils can be used to reduce a high mite population. Be sure to follow label instructions and precautions if oils are used.

Always read the product label prior to product use.



Floramite is a registered trademark of Chemtura Corporation.
Pylon is a registered trademark of BASF Corporation.
Judo is a trademark of OHP, Inc.
Triact is a registered trademark of Certis USA, LLC.

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