

Fast. Targeted. Mite control that goes the distance.

What is Shuttle[®] SC miticide?

Shuttle[®] SC (IRAC Code 20B) miticide is a unique chemical class (naphthoquinone derivative class) of miticide for the control of multiple species of spider mites, Lewis mites, broad mites, and many other mite genera and species.

How does Shuttle SC work?

Shuttle SC effectively targets all life stages of mites – eggs, larvae, nymphs and adults – through both contact and ingestion. It kills mites by disrupting energy production in the mitochondria, ensuring thorough control. Shuttle SC features a unique mechanism with no cross-resistance to other miticides, making it ideal for resistance management.

Application guidelines

Shuttle SC application rates per 100 gallons of water: 6.4 to 12.8 fluid ounces (0.06 to 0.125 pounds of active ingredient per 100 gallons).

Shuttle SC should be applied when threshold mite populations are observed and before large mite populations have been established.

Apply Shuttle SC in sufficient water to ensure uniform and thorough coverage of foliage. The use of a spreader may improve coverage and efficacy.

General use notes

- Shuttle SC can be tank-mixed with most pesticides except strongly alkaline materials, which may reduce its efficacy.
- Do not combine with Aliette[®] WDG fungicide (fosetyl-Al).
- Rotate Shuttle SC with other miticides featuring different modes of action as part of a resistance management program.
 Successive applications are discouraged.
- For broad-spectrum control, Shuttle SC may be tank-mixed with most other miticide/insecticide products. Shuttle SC and various tank-mix combinations, including spreader stickers and adjuvants, have not been tested on all plant species and the many varieties of each. Tank-mix combinations should be trialed on a smallscale basis before any large-scale use.



Product attributes

- + 12-hour reentry interval (REI)
- + Long-term residual control (21 days)
- + Unique mode of action with no cross-resistance
- + Control of all mite life stages (eggs, larvae, nymphs adults)
- + Virtually harmless to predacious mites and beneficial insects
- + Reduced risk pesticide classification
- + Broad-use area labeling inside, outside, interiorscapes, greenhouse fruiting vegetables
- + Shuttle® SC miticide delivers powerful contact activity for control of all mite life stages
- + Continues to work through ingestion to keep mite populations in check for three weeks or more

Target pests controlled

- + Spider mites (Tetranychidae)
- + Two-spotted spider mite
- + Lewis mite
- + Spruce spider mite
- + Citrus red mite
- + European red mite
- + Pacific spider mite
- + Willamette spider mite
- + Strawberry spider mite
- + Thread-footed mites (Tarsonemidae)
- + Broad mite
- Texas citrus mite +

Labeled use sites

- + Greenhouses
- Container and field nurseries
- + Lath and shadehouses
- + Arboretums
- + Interiorscapes
- + Greenhouse-grown fruiting vegetables (except cucurbits)

Personal protective equipment (PPE)

- + Long-sleeved shirt and long pants
- + Shoes plus socks
- Chemical-resistant gloves made of waterproof material

Recommended rotation for control of broad, Lewis and spider mites.

Treatment	IRAC group	Activity	REI*	Rate/100 gallons	Application intervals
Shuttle [®] SC	20B	Contact	12 h	6.4–12.8 fl oz	Egg, nymph and adult control. Do not make more than 2 applications per crop.
Savate®	23	Contact	24 h	1–4 fl oz	Apply 14-28 days. Egg, nymph and adult control.
Akari® 5SC	21A	Translaminar	12 h	16-24 fl oz	Egg, nymph and adult control. Do not make more than 2 applications per crop.
Avid®	6	Contact	12 h	4 fl oz	Repeat applications to newly developing tissue may be necessary to maintain control.



Broad mite feeding damage causes distortion and thickening of leaves. Photo by Envu



Stippling caused by Lewis mite feeding on a poinsettig Photo by Envu

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.

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