

Supplemental Labeling



SePRO Corporation

11550 N Meridian, Suite 600

Carmel, IN 46032 USA

Akari[®] 5SC Miticide / Insecticide

EPA Reg. No. 71711-4-67690

FOR USE ON GREENHOUSE AND NURSERY ORNAMENTALS, NON-BEARING FRUIT TREES AND VINES and CHRISTMAS TREES, AND INTERIOR ORNAMENTAL PLANTINGS AND PLANTSCAPES

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This labeling and the EPA approved container label must be in the possession of the user at the time of application.

Notice: Read the entire label. Before buying or using this product, read "Warranty Disclaimer", "Inherent Risks of Use" and "Limitation of Remedies" inside label booklet and complete Directions for Use found on the container labeling.

GENERAL INFORMATION

Akari[®] 5SC is a contact miticide used for the control of spider mites and other mite pests of ornamentals. This product should be used in a program with other products to provide season-long protection. Rotate to one or more miticides utilizing a different mode of action (MOA) before reapplying **Akari 5SC**. The mode of action of **Akari 5SC** is a Mitochondrial Electron Transport Inhibitor (METI). Apply as a spray as set forth in the APPLICATION DIRECTIONS section of this label, using sufficient water volume to obtain thorough coverage of plants. Under severe mite conditions, use the maximum rates and the shorter spray interval as specified on the label. Dense foliage or excessive growth will often prevent adequate coverage; adjust spray volumes accordingly.

Akari 5SC is a 5% Suspension Concentrate containing 0.42 lb. of fenpyroximate per gallon, which, when mixed with water according to the DIRECTIONS FOR USE, will control mites on ornamentals.

When Akari 5SC is used to control mites, suppression of mealybugs on the treated crop may be achieved. This product must be used in a program with other products to provide protection against mealybugs.

APPLICATION DIRECTIONS

Akari 5SC is recommended for use on all ornamental crops including flowering and foliage crops, nursery crops, non-bearing fruit trees and vines, and Christmas trees. These include those crops grown in greenhouses, shade and lathe houses, outdoor nurseries and fields, and in interiorscapes. The use directions of this product are based on the results of product testing programs on a wide variety of ornamental plants. However, it is impossible to test this product on all species and cultivars. The phytotoxicity of **Akari 5SC** has been assessed on a wide variety of common ornamental plants with no phytotoxicity.

TABLE 1. Recommended Application Rates for Akari 5SC on Ornamental Trees, Vines, Shrubs, Foliage, and Flowering Plants

PEST	APPLICATION RATE Fl. Oz./100 GALLONS	SPECIFIC DIRECTIONS
Spider mites	16-24 ounces	Use the lower rate for low to moderate mite populations.
Tarsonemid mites <ul style="list-style-type: none">Broad mite (<i>Polyphagotarsonemus latus</i>)Cyclamen mite (<i>Phytonemus pallidus</i>)	24 ounces	Use in sufficient volume to obtain uniform plant coverage. 100 gallons of spray will typically cover 20,000 sq. ft. of greenhouse.
Eriophyid mites (rust, gall, and bud mites) including but not limited to: <ul style="list-style-type: none">Hemlock rust mite (<i>Nalepella tsugifoliae</i>)Hackberry rust mite	24 ounces	Do not apply more than 10 gallons of spray per 1000 sq. ft. per application. Make sequential application of a miticide, with a different mode of action, up to 21 days after initial Akari 5SC application.
Mealybugs, including but not limited to: <ul style="list-style-type: none">Citrus mealybug (<i>Planococcus citri</i>)Long-tailed mealybug (<i>Pseudococcus longispinus</i>)	24 ounces	For suppression of certain mealybug pests, use in sufficient volume to obtain uniform plant coverage. 100 gallons of spray will typically cover 20,000 sq. ft. of greenhouse. Do not apply more than 10 gallons of spray per 1000 sq. ft. per application.

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Akari 5SC is recommended for use on all ornamental crops and plantings including those listed in Table 2.

TABLE 2. List of Plant Species Tested for Tolerance to Akari 5SC¹

Common Name	Scientific Name
African violet	<i>Saintpaulia ionantha</i>
Azalea	<i>Rhododendron</i> spp.
Citrus, nonbearing	<i>Citrus</i> spp.
Coleus	<i>Coleus X hybridus</i>
Cotoneaster	<i>Cotoneaster</i> spp.
English ivy	<i>Hedera helix</i>
Grape, nonbearing	<i>Vitis</i> spp.
Hackberry	<i>Celtis occidentalis</i>
Hemlock	<i>Tsuga</i> spp.
Holly (e.g. blue, Burford, Japanese)	<i>Ilex</i> spp.
Juniper (e.g. creeping, Parsons, upright)	<i>Juniperus</i> spp.
Pittosporum	<i>Pittosporum</i> spp.
Pyracantha (firethorn, red firethorn)	<i>Pyracantha angustifolia</i> , <i>P. coccinea</i>
Rose, cut and miniature	<i>Rosa</i> spp.
Sweetpotato vine, ornamental	<i>Ipomoea batatas</i>

¹. Local conditions can influence crop tolerance and may not match those under which these species were tested. Before using Akari 5SC, test the product on a small sample of the crop to be treated.

GENERAL USE LIMITATIONS AND PRECAUTIONS

- Do not apply more than 48 fl oz per crop cycle or per growing season, whichever is longer.
- Do not apply this product through any type of irrigation system.
- Do not apply this product as a smoke or aerosol.
- Do not apply this product to plants used for food or animal feed.
- Do not apply to fruit trees that will bear harvestable fruit within 12 months.
- Do not enter the entire enclosed area (treated area) without protective equipment for 12 hours unless one of the following items is completed:
 1. Ten air exchanges
 2. Two hours of system ventilation
 3. Four hours of ventilation using vents, windows, or other passive ventilation
 4. Eleven hours with no ventilation followed by 1 hour of mechanical ventilation
 5. Eleven hours with no ventilation followed by 2 hours of passive ventilation
 6. All required PPE is worn.

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Manufactured for:

SePRO Corporation • Carmel • IN • 46032 • U.S.A.

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