

Akari™ 500SC



Active Ingredient: Clofentezine 500 gr/lt

➤ **Akari 500SC™** is an acaricide with long residual activity which is effective against the eggs and first motile stages of Panonychus and Tetranychus mites in ornamentals and vegetables.

Clofentezine:



- ⇒ Chemical Formula: $C_{14}H_8Cl_2N_4$
- ⇒ Spidermite growth regulators; tetrazine acaricide
- ⇒ Mode of Action: Mite growth inhibitor
- ⇒ IRAC MOA Classification: 10A
- ⇒ FRAC Code: 11

Akari 500SC™ Properties

Akari 500SC™ helps you eliminate spidermite infestations and minimize population numbers for greater control.

- Highly active on spidermite eggs and immature stages and starts to work at the moment of application.
- Apply **Akari 500SC™** at the right time, such as at the first sign of activity, it may eliminate the need to use other miticides in your management program.

**Break the Biological
Cycle of the Spidermites**

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Akari 500SC™ Characteristics

- High Efficacy
- Targets the eggs and immature stages for improved population control
- Breaks the biological cycle of the spidermites
- Not phytotoxic when used as directed
- Wide spectrum of spidermite activity
- Low MRL index
- Ideal for IPM programs

Akari 500SC™ Advantages

- ✓ New class of chemistry ideal for use with other miticides to prevent resistance.
- ✓ Performs against insects resistant to products of other chemical classes like OPs, CA, PY
- ✓ Control of many spidermite species
- ✓ Long residual control up to 45 days.
- ✓ Performs equally well under high temperature and pest pressure
- ✓ Can be tank mixed with other miticides or insecticides to broaden the spectrum of pests controlled.
- ✓ Very low Pre-Harvest Interval (PHI)

Application

When and where to use **Akari 500SC™**

- ✓ Use **Akari 500SC™** upon the first appearance of spider mite activity on the plants.
- ✓ Stop the infestation early enough before spreading
- ✓ Ensure thorough coverage of the plants with the spray mixture – especially of the underside of the leaves

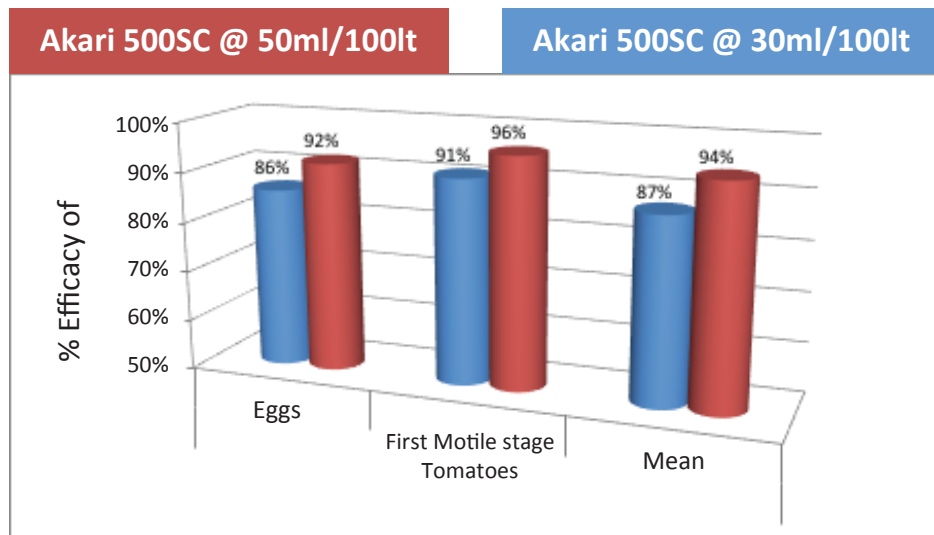
Crop	Pest	Application Rate
Vegetables	Red mites (Panonychus sp.), Two-spotted spidermite (Tetranychus sp.)	30-50ml / 100lt of water
Ornamentals	Red mites (Panonychus sp.), Two-spotted spidermite (Tetranychus sp.)	30-50ml / 100lt of water

Pre-Harvest Interval

- Vegetables (Tomatoes, Melons, Cucumber) 3 days

Field Trials (the Netherlands, 2012)

Evaluation of **Akari 500SC™** in the control of *Tetranychus* spp. on Tomatoes - % Efficacy against the Eggs and first motile stage:



Untreated plants - Control



Plants treated with Akari 500SC @ 50ml/100lt

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