

The preventive treatment for spider mite control for crops growing in higher temperatures.



WHICH CROPS DOES CALIFORNILINE PROTECT?

Cucumber
Pepper
Cannabis
Aubergine
Courgette
Roses
Pot plants

WHICH PESTS DOES CALIFORNILINE CONTROL?

Two-spotted spider mite
Carmin mite

Californiline

Why use Californiline?

Californiline biological control agent contains the predatory mite, *Amblyseius californicus*. It is a generalist predator targeting various spider mite species including two-spotted mites. It is a good complement to **Phytoline** (*Phytoseiulus persimilis*) because it can be used for preventative spider mite control in hotter and drier situations where *Phytoseiulus* has some difficulties to control the pest. It feeds on mites in the family *Tetranychidae*, including the common two-spotted mite, *Tetranychus urticae*, and the carmine mite, *Tetranychus cinnabarinus*.

- Active in high temperature and low humidity conditions.
- Generalist predator which can also feed on pollen and other arthropods.
- Persists longer in the crop than some other spider mite predators.

AVAILABLE DELIVERY SYSTEMS



Gemini sachet



Mini sachet



Loose material

Californiline is available in **Gemini and Mini sachets**. It is also available in **loose material**, in a 1 liter tube or 500 ml bottle.

Sachets release a breeding colony of mites onto the plant, even before the target pest is present. The breeding colony is contained within a small paper sachet, which is carefully designed to maintain the colony in good condition. Mites continue to emerge from sachets over several weeks and in much higher numbers than with a single broadcast release.

- **Gemini sachets** consist of two sachets that can be stood similar to a hinge. This enable the breeding colony to be water-resistant so it can be used in outdoor crops and overhead irrigation
- **Mini sachets** are best used where the leaves of plants are not expected to touch or grow together. Mini sachets provide a high number or release points to ensure good spread and establishment of mites.

Loose material will be used to provide an immediate high dose of beneficials. This system is good for quickly establishing a population of beneficials and providing an immediate protection.

HOW TO USE

For Gemini or Mini Sachet:

- Do not hang adjacent to heating pipes.
- Do not hang sachets where they will be directly exposed to intense sunlight.
- Open the shipping box of sachets in the crop.
- Separate sachets by tearing along perforations.

For Bulk Tubes:

- Keep containers horizontal and cool until use.
- Do not expose to direct sunlight at any time.
- Immediately before opening, gently rotate the container to distribute mites evenly throughout the carrier.
- Open each container in the crop when ready to use.
- Sprinkle the mixture onto the leaves of the crop, applying more into and around developing spider mite colonies.

HANDLING & STORAGE

- Avoid storing the product under direct sunlight.
- Transport and store at 10-15°C and > 65% humidity.
- Use within 18 hours of receipt.
- Do not refrigerate.

