

BioSwirski

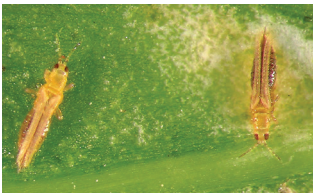
Amblyseius swirskii



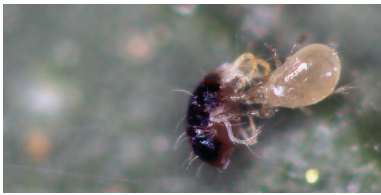
BioSwirski (*Amblyseius swirskii*) is a proven and highly effective predatory mite.

TARGET PESTS

The *A. swirskii* mite is an efficient predator of young stages of sweet potato whitefly, greenhouse whitefly, broad mites, spider mites and young stages of the western flower thrips. In the absence of prey, it can survive on BioArtFeed (premium quality decapsulated *Artemia* cysts) as well as on pollen and nectar from available flowers.



Thrips damage on leaf



BioSwirski feeding on two-spotted spider mite

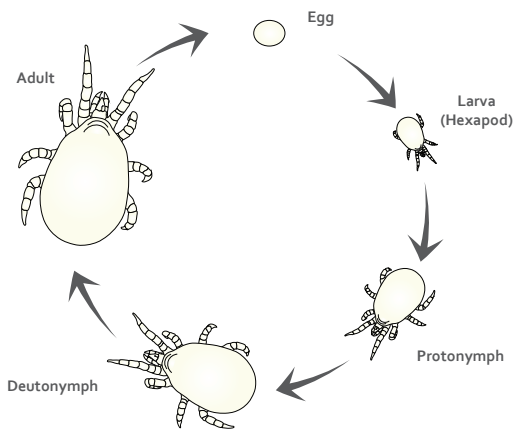
CROPS

Greenhouse and outdoor vegetables, flower, ornamentals and fruit trees.

DESCRIPTION

The mites are pale yellow to pale tan while their eggs are white and oval shaped.

LIFE CYCLE



This beneficial mite is active and reproductive in a wide range of climatic conditions. It does not hibernate and functions effectively even during short days if temperatures allow it.

The developmental rate of the *A. swirskii* mite depends on temperature, relative humidity and type of available prey. When prey is not yet available it can thrive on BioArtFeed.

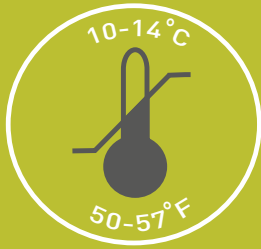


THE PRODUCT

- A container has 25K or 50K mobile stages (adults and juveniles) of *A. swirskii*
- The container includes a dosing cap which facilitates the application.
- Slow & prolonged release sachets (for up to 30 days) contain 250 predatory mite/sachet. The sachets do not come into direct contact with the foliage or the fruit



The product is mixed with a bran-based media.



BioSwirski

CONTAINER APPLICATION & HANDLING

- The product should be transported to the crop site in the insulated shipping boxes.
- The container should only be removed from the shipping boxes when ready to apply.
- Disperse the BioSwirski mites over the plant as close as possible to the time of receipt.
- Before releasing, gently rotate the container horizontally to evenly mix the mites and bran-based media.



- The mites are released by turning the dosing cap to the desired opening and gently tapping the container over the plants while walking between the crop rows.

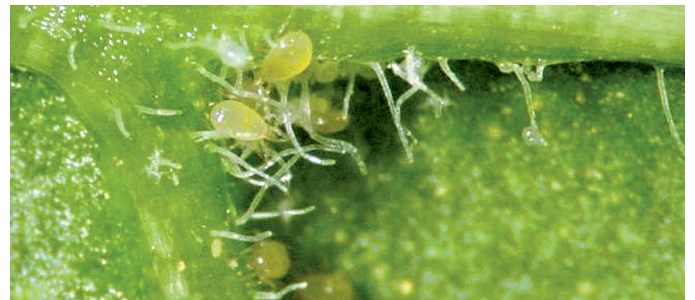
SACHET APPLICATION & HANDLING

- The product should be transported to the crop site in the insulated shipping boxes.
- The sachets should only be removed from the shipping boxes when ready to apply.
- Place the sachets by hanging them on branches or twigs within the foliage.
- **DO NOT EXPOSE TO DIRECT SUNLIGHT**

Scouting and monitoring are crucial.

STORAGE

- If the mites cannot be immediately released, the containers must be stored in their original packaging, in a cool dark place, at temperatures between 10°C - 14°C (50°F - 57°F).
- Store horizontally.
- BioSwirski can be stored for up to 2 days in recommended conditions.



RELEASE RATES AND TIMING

- BioSwirski should be released as soon as the relevant pests are observed. If pollen is available or if alternative feed is used, it can be released prophylactically.
- The frequency and amount of BioSwirski to be released is determined by the type of crop, environmental conditions, level of infestation and damage incurred by the pest.
- Please consult with your BioBee Technical Representative.

GENERAL COMMENTS

Before combining BioSwirski with any chemical pesticide in the crop, please consult your BioBee Technical Sales Representative.

DISCLAIMER

The success of biological pest control is affected by the crops initial pest population (upon application of the product), weather conditions and chemical residue present in the crop, among other possible aggravating factors.