

PRODUCT DESIGNATION:

PREDATORY MITES AS BIOLOGICAL CONTROL CUCUMERIS OR CALIFORNICUS

FOR THE BIOLOGICAL CONTROL OF

THRIPS MITES
with Cucumeris

SPIDER MITES
with Californicus



NATURAL & CHEMICAL-FREE

Free from chemicals – safe for people, animals and the environment.



EFFECTIVE

Cucumeris or Californicus actively search for pests and sustainably reduce their population.



SAFE & VERSATILE

Ideal for use in greenhouses, indoors, outdoors, on balconies and many other crops.



PRODUCT DESCRIPTION:

GREEN GUARDIA predatory mites as biological control agents are a natural, chemical-free solution for the targeted control of thrips (Cucumeris) or spider mites (Californicus).

The mites are simply sprinkled onto plants or growing media. From there, they reproduce independently, actively search for pests and provide effective and sustainable control – completely without chemicals.

Ideal for use in greenhouses, indoor growing, on balconies and terraces as well as outdoors – wherever natural pest control is required.

MAIN TARGET PESTS:

CUCUMERIS



THRIPS

(Larvae & adult stages)

CALIFORNICUS



SPIDER MITES

(all life stages)

AREAS OF APPLICATION:



POTTED PLANTS & VEGETABLES

Tomatoes, cucumbers, peppers, lettuce, herbs, flowers and more.



GREENHOUSES & INDOOR GROWS

For greenhouse, indoor and professional applications.



YOUNG PLANTS & PROPAGATION

Protect sensitive crops from the early stages.



INDOOR & BALCONY PLANTS

For use indoors, on balconies or terraces.



BERRIES & FRUIT CROPS

e.g. strawberries, raspberries, blueberries and more.



FRUIT TREES & ORNAMENTALS

For natural control on ornamental plants.



OUTDOOR CROPS

For berries, vegetables and row crops in open fields.



HYDROPONICS & SUBSTRATE SYSTEMS

Also suitable for hydroponic and substrate-based systems.



WHAT ARE PREDATORY MITES AS SPREADERS?

CUCUMERIS AGAINST THRIPS



Cucumeris cucumeris

CALIFORNICUS AGAINST SPIDER MITES



Amblyseius californicus

Predatory mites are natural beneficial organisms that actively search for pests and control them.

Cucumeris cucumeris hunts and feeds on thrips (larvae and adult stages).

Amblyseius californicus hunts and feeds on spider mites (all mobile stages: eggs, larvae, nymphs and adults).

They also feed on pollen and thus contribute to the health of your plants – completely without chemicals.



AGAINST WHICH PESTS CAN THEY BE USED?

CUCUMERIS AGAINST THRIPS



Effective against:
Thrips
(larvae and adult stages)



CALIFORNICUS AGAINST SPIDER MITES



Effective against:
Spider mites
(eggs, larvae, nymphs and adult stages)



THEY CAN ALSO CONTROL:



Soft mites
(e.g. broad mites)



Greenhouse whiteflies
(e.g. on citrus, coffee and ornamentals)



Other small harmful insects
in small quantities



IMPORTANT NOTES:



DELIVERY & STORAGE:

Predatory mites are usually viable for up to 15 days in the bag. Apply immediately after receipt. For longer storage (max. 1–2 days) store cool (8–10 °C), do not freeze and protect from direct sunlight.



NOT VISIBLE TO THE NAKED EYE:

Predatory mites are very small (approx. 0.4 mm) and move quickly in the substrate. Place some material on a white sheet of paper and examine it with a magnifying glass – you will see the tiny, moving predatory mites.



REAPPLICATION:

In case of a strong infestation, a follow-up treatment after 1–2 weeks may be sensible to build up the population. Preventive use usually requires only a one-time application.

APPLICATION



PREPARATION:

- Make sure the plants are free from dirt and deposits.



APPLICATION:

- Evenly sprinkle the predatory mites onto the affected plant areas.
- Open the sachet and sprinkle on the affected areas.**



FOLLOW-UP TREATMENT:

- For optimal results, regularly monitor the area and treat again if necessary.



APPLICATION NOTES



FOR INFESTATIONS:

- 1 sachet is sufficient for approx. 10 m².
- Ideal for fast and targeted control.



PREVENTIVE USE:

- 1 application is sufficient for approx. 20 m².
- Perfect for preventing an infestation.



TIP: Combine predatory mites with good growing conditions for best results – completely without chemicals.



PREDATORY MITES AS BIOCONTROL

**CUCUMERIS
AGAINST THIRPS**

**CALIFORNICUS
AGAINST SPIDER MITES**

THE NATURAL SOLUTION FOR HEALTHY PLANTS



WHAT ARE PREDATORY MITES?

Predatory mites are natural beneficial organisms that specifically search for pests and actively control them. They also feed on pollen and thus contribute to the health of your plants – completely without chemicals.

**CUCUMERIS
AGAINST THIRPS**



Cucumeris cucumeris hunts and feeds on thrips (larvae and adult stages).

**CALIFORNICUS
AGAINST SPIDER MITES**



Amblyseius californicus hunts and feeds on spider mites (all mobile stages: eggs, larvae, nymphs and adults).

FREQUENTLY ASKED QUESTIONS (FAQ)



1 AGAINST WHICH PESTS HELP CUCUMERIS AND CALIFORNICUS?

Cucumeris cucumeris controls thrips (larvae and adult stages). Amblyseius californicus controls spider mites (all mobile stages: eggs, larvae, nymphs and adults).



2 ARE PREDATORY MITES SAFE FOR PEOPLE, ANIMALS AND PLANTS?

Yes, predatory mites are completely safe for humans, pets and plants. They are natural beneficial organisms and leave no residues.



3 HOW ARE PREDATORY MITES APPLIED?

Sprinkle the mites evenly on the plants or the substrate. They will independently search for prey and remain active.



4 WHEN IS THE BEST TIME TO RELEASE THEM?

Best at the first signs of an infestation or preventively. Early use ensures faster and more effective control.



5 UNDER WHICH CONDITIONS DO PREDATORY MITES WORK BEST?

Ideal temperatures between 18–28 °C and a relative humidity of 60–80 %. Avoid direct sunlight and very dry conditions.



6 HOW LONG DOES IT TAKE UNTIL THE EFFECT IS VISIBLE?

Depending on the severity of the infestation and conditions, first improvements are usually visible within a few days to 1–2 weeks. Regular use promotes success.



7 CAN CUCUMERIS AND CALIFORNICUS BE USED TOGETHER?

Yes, both species can be used together, as cucumeris controls thrips and californicus controls spider mites.



8 HOW SHOULD I STORE THE PREDATORY MITES?

Store in the refrigerator at 8–10 °C and use preferably within 1–2 days after receipt.



9 ARE PREDATORY MITES COMPATIBLE WITH PLANT PROTECTION PRODUCTS?

Avoid the use of chemical plant protection products. If necessary, only use beneficial-friendly products.



10 HOW OFTEN SHOULD I RELEASE THE PREDATORY MITES?

In case of strong infestation, release again after 1–2 weeks. For prevention, regular application in larger intervals is recommended.



TIP: Ensure a flower-rich environment (e.g. with herbs such as dill, coriander or phacelia). Pollen serves as additional food for the predatory mites and promotes their reproduction and activity.



SERVICE & SAFETY INFORMATION

FOR PREDATORY MITES (SPREADERS)



SAFETY INFORMATION:



Harmless to humans, animals and the environment: Predatory mites are natural beneficial organisms and pose no risk to humans, pets, birds or plants.



Keep out of reach of children and pets: Contains live beneficial organisms.



Not intended for consumption: This product is intended exclusively for use in gardens and plant areas. Do not eat or ingest.



Store in a cool and dark place: Store between 8–15 °C. Protect from direct sunlight, heat and frost.



Temperature conditions: At high temperatures above 30 °C, try to provide shade and keep the area slightly moist to avoid drying out.



Use as soon as possible: Use immediately after receipt for best results and effective control.



Do not combine with chemical plant protection products: Avoid the simultaneous use of substances that may harm predatory mites (e.g. certain fungicides, insecticides or strongly chlorinated water).



Ensure adequate air humidity: Especially in dry environments, regularly mist lightly to support the activity and spread of predatory mites.



Provide and promote habitats: Create suitable conditions for long-term establishment (e.g. flowering plants, pollen sources, few disturbances).



Keep out of reach of children under all circumstances.



NO HAZARDOUS MATERIAL – NO BIOCIDES – NO CHEMICAL ADDITIVES



MANUFACTURER & CUSTOMER SERVICE:

Do you have questions about use or pest identification?



Contact us – we are happy to help!



Or visit our website for more information, products & orders: www.greenguardia.de



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Your expert for biological pest control
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