



ENCARSIA-SLUG WASPS

THE NATURAL SOLUTION
AGAINST WHITEFLIES

BRIEF DESCRIPTION:

GREEN GUARDIA Encarsia slug wasps are a natural and chemical-free solution for the targeted control of whiteflies.

The tiny beneficial insects emerge directly from the cards and actively search for whitefly larvae and whitefly eggs.

They lay their own eggs inside the larvae – the development of the pest is stopped.

Encarsia slug wasps are effective and sustainable, completely harmless for humans, pets and other beneficial insects, and disappear after completing their work.



APPLICATION AREAS:



HOUSEPLANTS



GREENHOUSES



WINTER GARDENS



BALCONY AND
TERRACE PLANTS



VEGETABLE GROWING
UNDER GLASS
(E.G. TOMATOES, CUCUMBERS,
PEPPERS)



ORNAMENTAL PLANTS
INDOORS



HYDROPONICS AND
INDOOR GARDENS



AGAINST
WHITEFLIES



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WHAT ARE ENCARSIA SLUG WASPS?

They are tiny wasps on small paper cards, in which pupae of the Encarsia slug wasps develop. At temperatures of approx. 13 °C, the beneficial insects emerge within less than a few days and immediately begin searching for whitefly larvae. They parasitize the larvae, interrupting the development cycle of the pest in a natural way.



WHY ARE THEY SO EFFECTIVE?

Encarsia slug wasps are so effective against whiteflies because they act on two fronts:



- 1 Targeted parasitization:** The females lay their eggs directly in the larval stages of whiteflies. Encarsia wasps develop inside the larva, killing it – thus breaking the whitefly's life cycle effectively.



- 2 High specialization:** Encarsia formosa is highly specialized on whiteflies and finds them very reliably – even at low infestation levels. Hard-to-reach areas are reached, as the wasps actively and flyingly search.



- 3 Long-lasting effect:** The wasps continue to multiply on site as long as whiteflies are present. This can lead to the control of several generations without the need for re-dosing – completely without chemicals.

Additionally, they are:

- ✓ invisible to the naked eye, as they are very small
- ✓ harmless for humans, animals and plants
- ✓ perfect for use in indoor spaces and greenhouses

FAQ IMPORTANT TO NOTE:



HOW QUICKLY DO ENCARSIA SLUG WASPS WORK?

After release, the wasps emerge within a few days (depending on the temperature) and immediately begin controlling whiteflies. The first results are visible after 1–2 weeks.



HOW LONG DO ENCARSIA SLUG WASPS STAY ACTIVE?

The females lay eggs for approx. 2–3 weeks. During this time, they lay their eggs daily in whitefly larvae. If needed, a follow-up treatment can be carried out after 2–3 weeks.



ARE THEY SUITABLE FOR OUTDOOR USE?

Yes, they are suitable for protected outdoor areas such as greenhouses, as they are very small and wind-sensitive. Outdoors, use only in mild, windless weather.

APPLICATION:



- ▶ Hang the cards with Encarsia slug wasps directly on the infested plants.



- ▶ Open the envelope at the application site to prevent premature emergence of the beneficial insects.



- ▶ Outdoor use is not recommended, as the wasps require optimal temperatures of approx. 13°C and sufficient light.



- ▶ Within 5–10 days the wasps emerge and immediately begin to control whiteflies.



Hang the cards immediately after receipt.



APPLICATION INFORMATION:



DOSAGE:

- 1 card is sufficient for 5 m²



CONTENTS:

- One card contains more than 50 slug wasp eggs.

OPTIMAL CONDITIONS:



STORAGE:

Use immediately after receipt.
Short-term (1–2 days) storage at 6–10°C.



OPERATING TEMPERATURE:

Encarsia formosa slug wasps work from 13°C.



AVOID CHEMICALS:

Avoid using synthetic plant protection products at least 6 weeks before and after release.

THE MOST IMPORTANT QUESTIONS ABOUT ENCARSIA SLUG WASPS



AGAINST WHICH PESTS DO ENCARSIA SLUG WASPS HELP?

Encarsia slug wasps are highly effective against whiteflies (*Trialeurodes vaporariorum* and *Bemisia tabaci*). They specifically parasitize their larvae and interrupt the pest's life cycle effectively.



WHEN ARE THE FIRST RESULTS VISIBLE?

The first results are usually visible after 1–2 weeks. The wasps develop fully over several weeks, and Encarsia slug wasps continuously reduce the pest population over multiple generations.



AT WHICH TEMPERATURES DO ENCARSIA SLUG WASPS WORK?

The optimal temperature is between 20–28°C. From about 13°C the wasps are active, and below 10°C their development slows noticeably.



DO THE SLUG WASPS NEED LIGHT?

Yes, Encarsia slug wasps need sufficient light for good orientation and optimal activity.



CAN ENCARSIA SLUG WASPS BE COMBINED WITH PLANT PROTECTION PRODUCTS?

Many biological and beneficial products are compatible. Wait at least 2–3 weeks after the use of chemical plant protection products before releasing Encarsia.



WHICH AREAS ARE ENCARSIA SLUG WASPS SUITABLE FOR?

They are ideal for use in greenhouses, winter gardens and indoor spaces.



HOW SHOULD I STORE AND USE THE CARDS?

Use immediately after receipt. Short-term (1–2 days) storage at 6–10°C. Take the cards out of the envelope at the application site and hang them up directly.



ARE ENCARSIA SLUG WASPS DANGEROUS?

No, Encarsia slug wasps are completely harmless to humans, pets and plants. They are small, natural and beneficial insects.



STILL HAVE QUESTIONS?

Our customer service is happy to help!

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☎ Phone: +49 157 92384135

🌐 Website: www.greenguardia.de



TIP

Regular release ensures long-term success. Reapply in case of severe infestation.

GREEN GUARDIA – Naturally against pests
Your expert for biological pest control

GREEN GUARDIA
a product of CuBeRo GmbH

SAFETY INSTRUCTIONS:



- **Harmless to humans, animals and beneficial insects:** Encarsia slug wasps are tiny, flying insects that exclusively parasitize whiteflies. They pose no risk to humans, animals or other plant inhabitants.



- **Do not swallow or touch:** Although they are harmless, you should handle the cards with care and avoid contact with eyes or mouth.



- **Do not expose to direct sunlight:** The cards should be placed in a shaded or protected area on the infested plants – intense heat or UV light can interfere with the development of the beneficial insects.



- **Do not combine with chemical plant protection products:** The simultaneous use of insecticides or pesticides can kill the slug wasps. Wait at least 2–3 weeks after chemical applications before using Encarsia.



- **Keep out of reach of children:** The cards are not a toy – store them in a cool, dry place, out of reach of children.



- **Use only when infestation is present:** Release the slug wasps only when a whitefly infestation has been confirmed – as a preventive measure they are not effective.



NON-HAZARDOUS – NOT A 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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