

BROWN LACEWING

Micromus angulatus

PRODUCT GUIDE & INSTRUCTIONS FOR USE



WHAT IS THE BROWN LACEWING?

The Brown Lacewing (*Micromus angulatus*) is a natural beneficial insect for the biological control of various pest insects. The larvae are extremely voracious and feed on aphids, thrips, spider mites, mealybugs, whiteflies, scale insects and leafhoppers. They help to regulate pest populations naturally – completely without chemicals.



AGAINST WHICH PESTS DOES THE BROWN LACEWING HELP?

Brown lacewing larvae help control, among others:



Aphids



Thrips



Spider mites



Mealybugs



Scale insects







Whiteflies

BENEFITS AT A GLANCE

- ✓ 100% natural biological pest control
- ✓ No chemicals or residues
- ✓ Safe for humans, pets and plants
- ✓ Suitable for indoor plants, balconies, greenhouses and gardens
- ✓ Controls pests directly on the plant
- ✓ Environmentally friendly alternative to chemical products



OPTIMAL CONDITIONS

-  Minimum temperature: 12 °C
-  Optimal: 18–30 °C
-  Avoid direct sunlight and strong heat
-  Normal room or greenhouse humidity sufficient

Larvae activity decreases significantly below optimal temperatures.

IMPORTANT NOTE

The larvae are living beneficial insects. Due to their natural development, they may vary in size and may be in different development stages in the tube. This does not affect their effectiveness.

APPLICATION – STEP BY STEP



1 OPEN IMMEDIATELY

The beneficial insects are living organisms and should be used immediately after receipt.



2 OPEN THE TUBE CAREFULLY

- Hold the tube upright.
- Open the cap slowly and carefully.
- Avoid strong shaking.



3 DISTRIBUTE THE BENEFICIAL INSECTS ON THE PLANTS

- Release the larvae as close as possible to the infestation.
- Distribute evenly on infested leaves, shoots or in leaf axils.
- Focus especially on heavily infested areas.



4 DO NOT TREAT THE PLANT AFTERWARDS

After application, do not use any chemical pesticides, as these may harm the beneficial insects. Between applications and when using other lacewing products, leave at least 6 weeks.

FOLLOW-UP TREATMENT

Depending on the severity of the infestation, a second application after 2–3 weeks is recommended. This ensures even better pest control and improves success.



ADDITIONAL TIPS FOR BEST RESULTS

-  **REMOVE ANTS**
Ants protect aphids from natural enemies. Removing them improves effectiveness.
-  **BEST TIME TO APPLY**
Apply in the evening or on cloudy days, when pest activity is lower.
-  **REGULARLY INSPECT PLANTS**
Check plants every few weeks to detect pests early.
-  **BUILD A HABITAT**
The beneficial insects can establish continuously. Visible results can usually be seen within a few days, full regulation may take a few weeks.



CONTENTS PER TUBE:

**10
BENEFICIAL INSECTS**

Each tube contains 10 living beneficial insects.




DOSAGE:

**1 TUBE PER
1 m²**

One tube with 10 beneficial insects is sufficient for an area of up to 1 m².



DELIVERY & STORAGE

-  **Open immediately after delivery.**
The beneficial insects are living organisms and should be used immediately.
-  **Do not store below 8 °C or above 30 °C.**
Short-term storage (1–2 days) possible.
-  **Do not store for too long – use quickly.**
Best results with immediate application.



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FREQUENTLY ASKED QUESTIONS (FAQ)

Here you will find answers to the most frequently asked questions about our Brown Lacewings.



WHAT IS THE BROWN LACEWING?

The Brown Lacewing (*Micromus angulatus*) is a natural beneficial insect. The larvae are extremely voracious and feed on aphids, thrips, spider mites, mealybugs, whiteflies, scale insects, leafhoppers and other sucking pests.



ARE THE BENEFICIAL INSECTS SAFE FOR PEOPLE, PETS AND PLANTS?

Yes, the Brown Lacewing is completely harmless to humans, pets and plants. It is a 100% natural and environmentally friendly solution.



AGAINST WHICH PESTS DOES THE BROWN LACEWING HELP?

The larvae help control aphids, thrips, spider mites, mealybugs, scale insects and whiteflies.



CAN I COMBINE THE BENEFICIAL INSECTS WITH PESTICIDES?

No. Chemical pesticides can harm the beneficial insects. Between applications and when using other lacewing products, leave at least 6 weeks.



AT WHAT TEMPERATURE SHOULD THE BENEFICIAL INSECTS BE USED?

The optimal temperature range is 18–30 °C. The minimum temperature is 12 °C. The activity of the larvae decreases significantly below this temperature.



HOW OFTEN SHOULD I RELEASE THE BENEFICIAL INSECTS?

Depending on the severity of the infestation, a second application after 2–3 weeks is recommended to also control later-hatching pests and improve success.



WHEN WILL I SEE THE FIRST RESULTS?

Initial results are usually visible after a few days. Depending on the severity of the infestation, it may take a few weeks for the population to be fully reduced.



WHAT HAPPENS IF I RELEASE THE BENEFICIAL INSECTS TOO EARLY OR TOO LATE?

An early release prevents a severe infestation. A late release may take longer to show results until the infestation is under control.



DO THEY ELIMINATE ANTS TOO?

Yes, they also prey on aphids and other pests. An existing ant problem should therefore be addressed first.



CAN THE LACEWINGS MULTIPLY IN MY HOME?

The Brown Lacewing cannot reproduce under suitable conditions outdoors. Indoors no reproduction occurs.



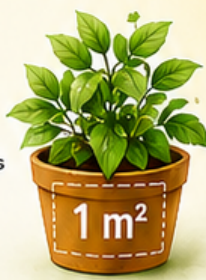
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DELIVERY & STORAGE



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Do not store for too long – use quickly. Best results with immediate use.

TIPS FOR BEST RESULTS



Release as many beneficial insects as possible.



Remove ants – they often protect pests.



Monitor plants regularly.



Reapply after 2–3 weeks in case of severe infestation.