Product data sheet

Chrysopa

Chrysoperla carnea | Lacewing



- For the control of aphids
- Also feeds on mealybugs, thrips and other insects
- Also effective at low temperatures

Use for

Pests

Aphids and other pests, like mealybugs, *Echinothrips* and butterfly and moth eggs.

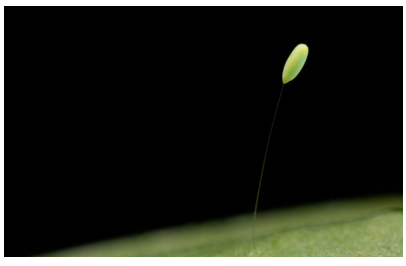
How it works

Mode of action

Larvae of the lacewing attack their prey and suck their body fluids.

Appearance

- Eggs are oval, green, on stalks of 10 mm
- Larvae are up to 10 mm in size, grey-brown with pronounced jaws
- Pupae are hairy white round cocoons of 4-5 mm
- Adults are slim, green insects of approximately 12 mm length, with two pairs of wings with fine venation and long antennae



Chrysoperla carnea egg



Chrysoperla carnea larva



Chrysoperla carnea adult



Chrysoperla carnea larva preying on aphids

Visual effect
Prey is sucked out, shrivelled skins are difficult to find. Chrysopa is active mainly during the night. The larvae hide during the day.

Product specifications

Pack size
1,000; 10,000 larvae.

Presentation
500 ml bottle; 6 litre bucket.

Developmental stage
Larvae (second stage).

Carrier
Buckwheat hulls.

Food
Ephestia eggs.

Directions for use

Application
- Shake the bottle or bucket gently before use
- Apply on infested leaves
- For hotspot treatments, apply Chrysopa directly in the heavily affected areas
- The product can be applied on the rock wool slabs, on leaves, via Dibox application boxes or distributed by Air(o)bug



Watch the Application video of Chrysopa

Dosage
The dosage of Chrysopa depends on climate, crop and pest density and should always be adjusted to the particular situation. Start introduction as soon as the first pests are detected in the crop. Introduction rates typically range from 2-20 per m^2/release. Releases should be made in infested areas only and repeated at weekly intervals until control is achieved. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions
Chrysoperla carnea is effective in a wide temperature range including low temperatures (average > 12°C/54°F). It is most effective at 20-28°C (68-82°F).

Combined use
Can be used in combination with other aphid biocontrol agents.

Side effects
Pesticides can have (in)direct effects on biological solutions. Find out which pesticides have side effects on this product.

Product handling

Storage time after receipt
Apply as soon as possible after receipt. If necessary, the product can be stored for 1-2 days.

Storage temperature
8-10°C/47-50°F.

Storage conditions
In the dark, bottle horizontally.

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