Product data sheet

Aphipar

Aphidius colemani | Parasitic wasp



- For the control of aphids, especially *Myzus* spp. and cotton aphid
- Can be used preventively or at first signs of pest presence

Use for

Pests

Especially for cotton aphid (*Aphis gossypii*); tobacco aphid (*Myzus persicae* var. *nicotianae*), peach-potato aphid (*Myzus persicae* var. *persicae*).

How it works

Mode of action

Adult parasitic wasps emerge from the mummies and females lay their eggs into aphids. The next generation of parasitic wasps develops inside the aphid, which converts into a leathery mummy. The adult parasitic wasp emerges through a hole at the rear of the mummy. The first mummies are noticed in the crop around 10-14 days after the first introduction.

Appearance

- Adults are black wasps of 4-5 mm length with long legs and long antennae
- Immature stages develop inside the host



Aphidius colemani mummies



Aphidius colemani adults



Aphidius colemani parasitizing on aphid

Visual effect

Parasitized aphids turn into a brown mummy



Watch the biological control video of Aphipar

Product specifications

Pack size
500; 1,000; 5,000 mummies.

Presentation
100 ml; 500 ml bottles.

Developmental stage
Mummies.

Carrier
Wood chips.

Food
Felt pad with sugar water.

Directions for use

Application
- Spread the material on rock wool slabs or in Diboxes
- Make sure the material remains dry and is not moved from its introduction site for at least a few days



Watch the Application video of Aphipar

Dosage
The dosage of Aphipar depends on climate, crop and aphid density and should always be adjusted to the particular situation. Start introduction preventively soon after planting of the crop. Introduction rates typically range from 0.25-4 per m^2/release. Releases should be repeated at least 3 times. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions
Most effective between 20 and 25°C (68 and 77°F). Effectivity is reduced at temperatures above 30°C/86°F.

Combined use
Can be used in combination with other aphid biocontrol agents, like for instance Aphidend.

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.

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