Product data sheet

Aphidend

Aphidoletes aphidimyza | Predatory gall midge



- For the control of all aphid species

Use for

Pests

All species/stages of aphids.

How it works

Mode of action

Adult gall midges emerge from the pupae and deposit their eggs in the aphid colonies. After emerging from the eggs the larvae consume the aphids.

Appearance

- Eggs are oval, 0.3 mm long, shiny orange-red
- Larvae are up to 3 mm long, orange-brown, without legs
- Pupae are light brown, covered with soil particles and can be found on the ground
- Adults are 2-3 mm long midges with long, thin legs



Aphidoletes aphidimyza eggs



Aphidoletes aphidimyza larva



Aphidoletes aphidimyza pupa



Aphidoletes aphidimyza adult



Aphidoletes aphidimyza larva preying on aphids

Visual effect
Aphids are consumed entirely, only skin remains.

Product specifications

Pack size
1,000; 10,000 pupae.

Presentation
100 ml; 500 ml bottle.

Developmental stage
Pupae.

Carrier
Wood fiber.

Directions for use

Application
- Open the bottle in the greenhouse
- Place the bottle directly on the soil or rockwool slabs or hang it in-between the plants
- Do not scatter the contents
- Once emerged, the adult gall-midges will leave the bottle and spread



Watch the Application video of Aphidend

Dosage
The dosage of Aphidend depends on climate, crop and aphid density and should always be adjusted to the particular situation. Start introduction as soon as the first aphids are detected in the crop. Introduction rates typically range from 1-10 per m^2/release. Releases should be 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
Most effective between 20 and 30°C (68 and 86°F), effectivity decreases significantly at higher temperatures. As gall-midges are active at night, it is crucial to keep the night temperature above 12°C/61°F, to ensure optimal conditions for oviposition. Apply Aphidend in an environment with a high relative humidity (> 70%) to get the best results.

Combined use
High densities of generalist predatory mites, especially *Amblyseius swirskii*, can be detrimental to Aphidend as the predatory mites feed on the eggs of *Aphidoletes aphidimyza*. Can be combined with aphid parasitoids.

Compatibility
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
10-15°C/50-59°F.

Storage conditions
In the dark.

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