

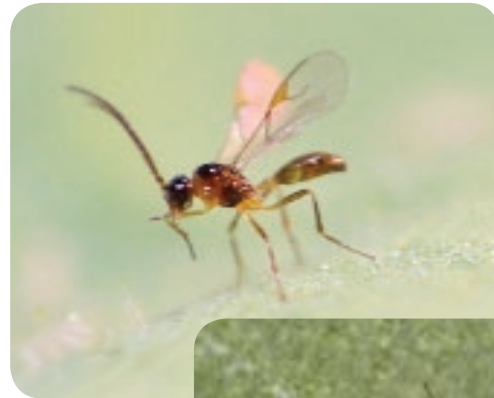
Aphidius colemani

Parasitoid wasp of green peach aphid and melon aphid

Description

Aphidius colemani is a parasitoid wasp of the peach aphid (*Myzus persicae*) and the melon aphid (*Aphis gossypii*). The adult is black with yellow legs. This parasitoid wasp has long antennae and is about 2 mm long.

After mating, the female lays her eggs inside juvenile or adult aphids. The larvae of *Aphidius colemani* grows and feeds on the internal organs of the aphid. After 7 days, the aphid becomes immobile, swells and turns beige. This stage is called mummy. A new adult wasp emerges from the parasitized aphid after a few days.



Life cycle

- The optimum conditions are a temperature between 18 and 25 °C and a relative humidity between 60 and 80%.
- The development time of *Aphidius colemani* is 14 days at 21 °C.
- The female lays more than one hundred eggs in her lifetime.
- The mummy stage occurs about 7 days after laying.
- The adult lives 2 to 3 weeks depending on the temperature.
- Does not enter diapause.

Introduction rate

Introduction	Quantity	Surface	Frequency	Duration
Preventive	0,25	m ²	as needed	as needed
Curative light	1	m ²	7 days	2 to 3 introductions
Curative strong	2	m ²	7 days	3 to 6 introductions

Aphidius colemani

Parasitoid wasp of green peach aphid and melon aphid

Application

Aphidius colemani is used in a greenhouse where it is highly effective at controlling the green peach aphid (*Myzus persicae*) and the melon aphid (*Aphis gossypii*).

It is advisable to use this biocontrol agent as a precaution with the introduction of reservoir plants or to introduce small amounts (0.25 / m²) before the discovery of the first colonies of aphids.

In summer, *Aphidius colemani* should be used with *Aphidoletes aphidimyza* or with convergent ladybugs. Control is achieved when 80% of the aphids are parasitized.

Yellow sticky traps can affect *Aphidius colemani*. Use 1 yellow sticky trap per 100 plants and release the agents away from them.



Formats

- 100-0606 - *Aphidius colemani* - 250 mummies/adults
- 100-0603 - *Aphidius colemani* - 500 mummies/adults
- 100-0602 - *Aphidius colemani* - 1k mummies/adults
- 100-0601 - *Aphidius colemani* - 5k mummies/adults

Instructions



1



Aphidius colemani arrives at the stage of nymph inside a parasitized and dead aphid.

The adults will emerge after a few days. Keep container at 22-25 °C and in the shade.

2



Upon emergence, release the adults. Open the container in the center of the production.

3



Repeat the introduction every week for 3 weeks or until you find 80% of parasitized aphids.

DO NOT FREEZE - DO NOT REFRIGERATE - For more information, visit www.anatisbioprotection.com