

Biocontrol
Aphidius colemani

APHIcontrol® | TECHNICAL DATA SHEET

PRODUCT:



- Bottle: 1,000 individuals emerged from mummies.
- Bottle: 5,000 individuals emerged from mummies.

PRODUCT DESCRIPTION

Aphidius colemani is a parasitic wasp of the family Braconidae. APHIcontrol is used for the control of the aphids *Aphis gossypii* and *Myzus persicae*, and also against *Rhopalosiphum padi,* a cereal-specific aphid used for refuge plants (PLANTAcontrol).

ACTION MODE

- *Aphidius colemani*'s female parasitizes the **aphids** in the crop. Once the wasp finds the host, it lays its eggs inside the aphid.
- The adult of *A. colemani* parasitizes about 300 aphids.



ADVANTAGES

- Good behavior for control of aphid colonies.
- High efficacy against aphid species *Aphis gossypii* and *Myzus persicae.*
- Compatible and complementary with other parasitoids and other predators.

RECOMMENDED DOSE

- Release 1 to 2 ind/m^2, introducing 0.25 ind/m^2 weekly using the banker plants (PLANTAcontrol). Once found the hotspots of aphids, release 0.5 to 1 ind/m^2.

The dose may vary depending on the crop and the impact of the pest. Consult the recommended dose with an Agrobío field advisor.

RECOMMENDED CROPS

It can be used in protected horticultural crops, ornamental, and open field crops where *Myzus persicae* and *Aphis gossypii* occur.

USE

Before opening the bottle, set it horizontally and rotate it to mix the content. Release the wasps in the aphid hot spots, or in a uniform way, in small boxes all over the crops early in the morning or at sunset.

PRESERVATION

Keep the bottle horizontally and at a temperature of 8ºC (46.4ºF) and 10ºC (50ºF). Do not break the cold chain in all the transport and storage process. Do not store the product after 48 hours of receipt, and never expose it to sunlight or pesticides.

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