



### *Aphidius colemani*

#### **Biology**

The Aphid parasitoid *Aphidius colemani* is perfect to find the single aphids on plants. Therefore it is especially effective to control some aphid species preventive.

*Aphidius colemani* lay one egg in each aphid. In some few days parasitized aphids stop eating and breeding and the larvae of *A. colemani* develop inside the aphid for the next 2 weeks. The brown mummies develop after these 2 weeks. In few days adult *Aphidius* hatch from the mummies and mate. Each female lay about 200-500 eggs in aphids. The development from egg to adult is about 2 weeks at 25 degrees Celsius.

#### **How to use *Aphidius colemani*?**

*Aphidius colemani* effectively controls the cottonaphid (*Aphis gossypii*) and the Green peach aphid (*Myzus persicae*).

The aphid control will be more effective when combined with the predator *Aphidoletes aphidimyza* and banker plants.

Use preventive ½-1 *Aphidius*/m<sup>2</sup> every 2 weeks in ornamentals and vegetables.

The product is sprinkled on the leaves or placed on the grow media. Avoid that the pupae become wet or drown when watering for the first few days.

It is recommended to use minimum 5-10 release sites per 1000 m<sup>2</sup>.

If hyperparasitoids occur, use *Aphidoletes* instead of *A. colemani*.

#### **The Product**

*Aphidius colemani* is delivered as a mix of pupae and adult in sawdust or vermiculite.

500 or 5000 pcs. per bottle for professional growers

100 pcs. per bottle for retail-market

*Aphidius colemani* can be stored maximum 1-2 days before use. Optimal to release immediately.