



INTRODUCING BIOLINE AGROSCIENCES' APHIDOLINE RANGE — THE PREDATORY MIDGE WHOSE LARVAE FEED VORACIOUSLY ON MORE THAN 60 DIFFERENT SPECIES OF **APHID**.

Aphidoletes aphidimyza adults are attracted to and feed on aphid honeydew. Females lay 60-250 eggs amongst aphid colonies. Eggs hatch within 2 days at 23°C and the larvae feed for 6 days before falling to the ground and pupating in a cocoon. Hatching occurs 3-14 days later depending on temperature. Larvae bite the aphids' legs, injecting a paralysing toxin. They paralyse >35 aphids, but will consume only a few before reaching maturity, thus immobilizing the colony to allow easy feeding.

WHY TRY **APHIDOLINE**?

- Easy to use and to monitor.
- Excellent host-finding ability.
- Curative treatment for aphid infestation; larvae reported as feeding on >60 species.
- Blister packs protect unhatched cocoons from desiccation and predation = optimal emergence rates!
- Easy to use - once the first adult midges emerge just hang blister in the crop and open the release hatch at the back.

WHICH CROPS DOES **APHIDOLINE** PROTECT?

- Peppers
- Ornamental pot plants
- Cut flowers
- Blueberries
- Aubergines
- Cucumbers

WHAT DOES **APHIDOLINE** CONTROL?

- Aphid honey dew

GET TO KNOW THE APHIDOLINE RANGE...

1

A 500ml bottle contains 1000 pupae (cocoons) of *Aphidoletes aphidimyza* in vermiculite.



2




Each Blister Pack contains 250 pupae (cocoons). The emerging midges mate and then lay eggs near aphid colonies.



3

The eggs hatch into highly visible orange larvae which feed on the colonies of all types of aphids.

Aphidoline — Successful and reliable aphid biocontrol.

| | DESCRIPTION | PRODUCT CODE |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
|  Aphidoline 0.5 litre bottle | If your crops require a fast call to action from <i>Aphidoletes aphidimyza</i> — applying the predatory mite loosely via bottle will be very effective. This specific form of bio control delivery allows you to apply concentrated amounts of the mite on small highly infected areas. | 0.5 litre bottle/1,000 mites: P0151-01 |
|  Aphidoline Blister Packs | If you would like a gradual release of <i>Aphidoletes aphidimyza</i> to attack an aphid population, this delivery system will be best suited. The blister packs contain 4 packs each holding 250 predatory midges. | 4x Blister packs per pack: P0151-05 |
|  Aphidoline 1 litre tube | If you require a large quantity <i>Aphidoletes aphidimyza</i> — buying the beneficial in a tube is your best option. | 1 litre tube/10,000 mites: P0151-06 |



STORAGE AND HANDLING

1. TRANSPORT AND STORE AT 6-10 °C.
2. USE WITHIN 18 HOURS OF RECEIPT.
3. AVOID STORING THE PRODUCT UNDER DIRECT SUNLIGHT.

HOW AND WHERE TO USE

Release between March and September to avoid pupal diapause unless lighting is available. Make weekly releases to maintain control levels.

For Blister Pack:

1. Keep at room temperature until first adults are seen.
2. Place the blister packs into areas where aphids have established in the crop.
3. The tab on the back of the pack should be opened once the first emerged adults are seen in the blister.

For Bottle & Tube:

1. Use at the rate of 10 pupae per m² around aphid colonies for curative use. Use at 5 per m² for more widespread infestations.
2. Either put mixture into small containers containing moist, but not wet, peat or vermiculite and distribute them in the greenhouse or alternatively, tip the contents of the bottle to form small piles on the surface of moist Rockwool or capillary matting in the crop.
3. Keep humid but not wet. Establishment will be reduced by plastic mulches.



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