

Trusted biocontrol for preventing crop damage from many **aphid species**.



WHICH CROPS DOES ERVILINE PROTECT?

Vegetables
Ornamentals
Soft Fruits

WHICH PESTS DOES ERVILINE CONTROL?

Aphids

Erviline

Why use Erviline ?

Erviline biological control agent contains the Braconid wasp, *Aphidius ervi*.

This tiny braconid wasp will sting and parasitise larger aphids such as *Aulacorthum solani* and *Macrosiphum euphorbiae* as well as aphids such as *Myzus* sp, *Sitobion* sp., *Schizaphis* sp., *Rhodobium* sp., *Acyrtosiphum* sp and others. The female predatory wasp lays an egg in the aphid. The egg hatches within 2-3 days and the larva feeds on the aphid leaving a parasitized mummy on the plant. Erviline can be used in any crop where aphids can occur and where climate conditions are favourable (>12/15°C). Although adults are very mobile and active, it's best to distribute them as uniformly as possible around the infested plants.

- Provides preventive control of large aphids.
- Not light sensitive - no diapause stage.
- Adults begin to emerge in transit, so they are ready for release.
- Ventilation and food source available in packaging to help ensure adult survival.
- Packaging allows growers to see the product clearly and judge its quality and purity.

AVAILABLE DELIVERY SYSTEM

Erviline is available in 25ml (4oz) vial containing purified mummies in sufficient quantity to yield 250 adults of *Aphidius ervi*.

No carrier material is used, so emerging adults are able to fully expand their wings and can quickly reach the available food source without becoming exhausted by crawling through a shifting mass of bran or vermiculite particles.



HOW TO USE

Do not keep the container closed while waiting for mummies to hatch because it may reduce the hatch rates. Release weekly at low rates as aphids begin to appear in the crop. If aphid colonies become established, make localized hotspot treatments or intervene at the economic threshold with a compatible insecticide. If aphids are suspected of transmitting a virus or populations are high, use a compatible chemical before releasing Erviline. Do not spray between release of adults and mummy formation.

- Open in the greenhouse.
- Walk around the area to be treated, holding the bottle open at a 45° angle, releasing emerged adults into the air.
- Distribute adults evenly over the area. Recap the bottle and store at greenhouse temperature until more adults have hatched.
- Repeat the distribution of adults daily for 2-4 days until most adults have emerged from the bottle OR tie the vial so it hangs among the leaves, and leave the vial in the greenhouse for 3-4 days allowing remaining parasites to escape as they emerge from the mummies.
- Finish by placing open bottle in the greenhouse next to plants in case more hatch.
- Make introductions early in the day or in late afternoon/early evening.
- *Aphidius ervi* can also be reared on banker plants.

HANDLING & STORAGE

- Transport and store at 6-10 °C .
- Use within 18 hours of receipt.
- Keep out of direct sunlight.

