

Management fruit flies using Bacu-Lure or Bador-Lure with Fligh-T™ Trap



Melon Fruit Fly (*Bactrocera cucurbitae*) is a highly destructive pest of cucurbitaceous crops such as gherkin, cucumber, gourd, squash, melon, pumpkin, etc.



Oriental Fruit Fly (*Bactrocera dorsalis*) is a very serious pest of a wide variety of fruits such as mango, guava, etc.



Adults of melon and oriental fruit flies occur throughout the year, may live over 5 months and are capable of laying more than 1000 eggs. They lay their eggs below the skin of the host fruit, hatch within a day under optimum conditions and the larvae feed on the maturing fruit. Attacked fruits become unfit for human consumption and up to 100% of the fruits are damaged in unprotected fields. The full grown maggots drop and pupate in the soil under the host plant.



Bacu-Lure and Bador-Lure are two environment-friendly products developed by PCI to assist growers in Fruit Fly Management. The lures contain specific para-pheromones or attractive substance which the adults require to complete their development. The lures should be used in association with **Fligh-T™** traps manufactured by PCI for best results.



Fligh-T™ trap consists of three parts: a yellow-coloured base, a translucent dome to cover the base and a slot for insertion of the lure in the dome. The trap is readied for use by filling the base with water, **Bacu-Lure** or **Bador-Lure** is then inserted in the slot under the dome and the dome is fitted over the base. The trap should be hung by plastic string or metallic wire about 5 feet from the ground level in the midst of crop foliage.

at the base, due to their attraction to the light entering the dome, get exhausted and drown in water contained in the base. Dead flies may be removed once a week or when water is filled with dead flies. Water in the base should also be replenished once a week

Adult Fruit Flies are attracted to the traps with the respective lures. After entering the trap, through the circular opening at the centre of the base, they hover inside the dome and around the lure. Trapped flies are unable to escape though the opening



Bacu-Lure or **Bador-Lure** in combination with **Fligh-T™** trap may be installed @ 3-4 per acre, at the onset of flowering, to mass-trap Melon Fruit Fly or Oriental Fruit Fly adults, respectively. The lures are effective for 50-60 days under field conditions.

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