

## TECHNICAL DATA SHEET

### MELON FLY

*Bactrocera Cucurbitae*



<b>Product Name</b>	: Bactrocera cucurbitae Pheromone Lure
<b>Mode of Action</b>	: Attractant Pheromone
<b>Active Ingredient</b>	: Methyl eugenol & Cue lure
<b>Dosage</b>	: 1000 mg per dispenser / lure
<b>Product Description</b>	: Met pet pouch containing Methyl eugenol and Cue lure loaded in wood block / Porous PP block.
<b>Active Life</b>	: Upto 3 months (depending on climatic conditions)
<b>Shelf Life</b>	: 2 years if stored according to the standard protocol.

### Targeted Action:

This product is intended for use as attractant of Melon fly (*Bactrocera Cucurbitae*) in Plantations/ Farms/ Open and Protected Cultivation of many crops such as cucumbers, edible gourds, eggplant, green beans, hyotan, luffa, melons, peppers, pumpkins, squashes, togan, tomatoes, watermelon, zucchini etc., in order to trap them for monitoring and mass trapping. This is found to reduce the intensity of pest incidence, leading to a reduction in crop damage, thereby improving the yield / output quality.

### Product Description:

The Active Ingredient blend of Methyl eugenol and Cue lure is a potent aggregation attractant for males and females of *Bactrocera Cucurbitae*. This liquid formulation @ 1000mg is loaded in a wood block/ porous pp block, which is then placed in Harmony FF traps in the field.

### Application Protocol:

Place the Lure/Dispenser in the trap lure holder and place the trap at various locations in the field. Traps should ideally be placed in shaded areas. Recommended to use one lure of *Bactrocera cucurbitae* per trap. One *Bactrocera cucurbitae* lure would last up to 75-90 days depending upon climatic conditions. The trapping density should be adequate to manage pest infestation. The recommended trap density is 40-50 traps per hectare for mass trapping and 8-10 traps per hectare for monitoring.

### **Packing:**

- Bactrocera cucurbitae lure is packed in a metalized triple layer pouch.

### **Storage and Disposal precautions:**

- Store the dispenser away from sunlight in a dry and cool place.
- Do not open the pouch until just before placing it in the trap lure holder.
- The product expiry date is 2 years from production date under good storage conditions and without opening the sealed pouch.

### **Disclaimer:**

- All the materials and components used in the manufacturing process are generally known to be non hazardous to human beings.
- It should be noted that the information is given in good faith and manufacturer assumes no responsibility for any damage that may be caused (by using the product) to men, machinery and materials.
- The onus of ascertaining suitability of the product to the proposed application/end use lies solely with the buyer/user.
- Harmony Ecotech Pvt. Ltd reserves all the rights to bring about any change / modification / improvement whether in the designs or materials of construction of its products at any point of time whether now or in future.
- Responsibility for verification regarding compliance with regulatory requirements, product registrations and patent infringement laws lies solely with the buyer.

**Technical Support Department**  
**HARMONY ECOTECH PVT. LTD., Hyderabad**  
**Last Revised: May, 2020**