



Pheromone Chemicals

The name you can always trust

Mfrs: Pheromone Traps, Lures, Yellow sticky traps

Mythimna separata (Armyworm / Ear cutting caterpillar) – It is a sporadic pest, during years of heavy rainfall. The larvae are gregarious in habit and are commonly known as armyworm. Host range includes Sorghum, Maize, Khabbal grass, Gram, Rice, and Sugarcane. *Mythimna separata* is one of the most serious pests of cereals in Asia. It has been attacking plants of 33 species in 8 families resulting in heavy crop losses.



The eggs of this species are off-white. They are laid in groups low on the leaves of a food plant, often between in the sheaths or on the blades. The mother moth uses a sticky secretion to hold the group in place. The young Caterpillars are green. Later instars are brownish with a thin pale dorsal line, and with dark lateral lines on each side. The head has a light and dark brown pattern. Solitary individuals remain fairly pale in colour, but when Caterpillars become crowded, for example when feeding communally, they develop a much darker shade. The Caterpillars feed on the leaves, leaving only the midrib uneaten. The pupa is brown, and formed under surface litter in the soil. The adult moth has brown forewings with dark specks. The hind wings are pale brown.

Factors favouring insect damage:

1. Presence of many alternate hosts
2. Periods of drought followed by heavy rains
3. Dryland and wetland fields

ETL for *Mythimna separata* is 25 – 30 No's of moths per trap per day.

Use Pheromone Traps from 1 month crop stage @ 4 – 6 No's per acre to control pest at early stage.

Trap canopy should be placed one feet above crop canopy to achieve optimum catch.

Plot No.23, TSIIC Techpark, Road No.15, IDA Nacharam, Hyderabad – 500076, Telangana, India

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e-shop: www.pheromonechemicals.org



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Lure Specifications:

1. Lures made of Virgin Silicone rubber for uniform release and long life
2. Minimum pheromone loading assured is 3 mg per lure
3. Shelf life of 18 months from date of manufacturing date at room temperature
4. Field efficacy will be 30-45 days after installation in field
5. Packed in trilaminated aluminum foil (LD, Aluminum, Polyester)
6. Lures will attract target pest species only

Use 8 No's of traps per acre.

Always use Phero – Sensor™ – SP / BP for best results

Pheromone Lures for
MYTHIMNA SEPARATA
(Armyworm / Ear cutting caterpillar)
Host: Sorghum, Maize, Gram, Rice, Sugarcane

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