



Pheromone Chemicals

The name you can always trust

Mfrs: **Pheromone Traps, Lures, Yellow sticky traps**

Spodoptera litura – It's a polyphagous pest, and one of the most serious pests of field and vegetable crops throughout the world. Because of its broad host range (more than 120 species of host plants), this insect is also known as cluster caterpillar, common cutworm, cotton leaf worm, tobacco cutworm, tobacco caterpillar, and tropical armyworm. Serious pest of Cotton, Chillies, Tomato, Beans, Cabbage, Cauliflower, Red gram, Black gram, green gram, Pea, Tobacco, groundnut, Caster, Sunflower, mung bean, onion, Sorghum, Soybean and other crops.



Moth has grey to reddish-brown forewings with a complex pattern of creamy streaks and paler lines along the veins. The hind wings are grayish – white with grey margins. Larvae are variable in colour starting pale green and turning dark green to brown. Larvae have bright yellow stripes along the back and sides.

The female lays eggs in masses and covers them with hair scales from her body. The egg masses are 4-7 mm in diameter and cream to golden brown. Eggs usually hatch between three to four days. Young larvae or caterpillars are a translucent green with a dark thorax. They are smooth-skinned with a pattern of red, yellow, and green lines, and with a dark patch on the back of the head. Feeding is initially by skeletonizing, or leaving the outline of the leaf veins on the plant. As growth continues, caterpillars eat entire leaves, and even flowers and fruits. The Caterpillar burrows into the soil several centimeters and there pupates without a cocoon. The pupal stage lasts either a few weeks or several months, depending upon time of year. The average life cycle will be completed in about 25 days.

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

ETL for *Spodoptera litura* is 35 – 50 No's of moths per trap per day.

Use 4 – 6 No's of traps per acre. Always use Phero – Sensor™ – SP / BP for best results.

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