



Phormone Chemicals

The name you can always trust

Mfrs: Phormone Traps, Lures, Yellow sticky traps

Sesamia Inferens (Pink stem borer) – A serious pest of Maize in peninsular India more severe in rabi, other hosts include Ragi, Sorghum, Bajra, Wheat, Paddy and Sugarcane. Moth is medium sized stoutly built having straw colored forewings with a mid longitudinal dark brown broad triangular streak. Hind wings are white.



Life cycle

Round pearl like yellowish eggs ranging 80-300 are laid in 2-3 longitudinal rows usually within the sheaths of bottom leaves of young maize plant of two to three weeks old. As the time for hatching approaches, eggs become brown or shy grey.

Full grown larvae are stout smooth about 25 to 30 mm in length purplish pink on the dorsal side and white on ventral side. Life cycle is completed in 6-7 weeks with 4-5 generations in a year.

Newly hatched larvae remain in group behind the leaf sheath and begin chewing on the stem and epidermal layer of the sheath. Some migrate to neighboring leaf sheaths, while others penetrate the stem.

Whorl feeding of larvae results in rows of oblong holes in unfolding leaves unlike round shot holes produced by *Chilo partellus*. Later they bore in to central shoot resulting in the drying up of the growing point and formation of dead heart in young maize plant as a result of larval feeding some times the bottom internodes show circular ring like cuts.

Severe damage causes the stem to break. Severely infected plants due to stunting may appear to have some times the cob and tassel at one place.

ETL for *Sesamia inferens* is 6 – 8 No's of moths per trap per day.

Use Phormone 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

PC Pheromone Lures for
SESAMIA INFERENS
(Maize Pink Stem Borer)

Identify the pest incidence early. Stop egg laying. Get good yields

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