



# Pheromone Chemicals

The name you can always trust

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

## ***Chilo partellus*** (Spotted stalk borer)

**Host range** – Sorghum, Maize, Bulrush millet, Sugarcane, Rice



### **Nature of Damage:**

In young plants the shoot can be killed, causing a "dead heart". In older plants the upper part of the stem usually dies as a result of the boring of the caterpillars.

**Egg:** The eggs are laid on the underside of a leaf near the midrib in 3-5 rows, in groups of 50-100. They are flattened, ovoid, and about 0.8 mm long. Hatching takes place after 7-10 days.

**Larva:** The young caterpillars produce characteristic leaf windowing. Sometimes, the early stages mine in the leaves, causing yellow streaks. After a few days they bore down inside the funnel. They also may move down outside the stem and then bore into it just above an internode. In older plants the caterpillars sometimes live in the developed heads. They are creamy pink with groups of dark spots along the back. The head capsule is brown. When mature they are about 25 mm long. The larval period takes 28-35 days.

**Pupa:** Pupation takes place in a small chamber in the stem. The pupal period takes 7-10 days.

**Adult:** Adult moths have a wingspan of 20-30 mm. Males are smaller and darker than females. The forewings of males are pale brown. The forewings of the females are much paler and the hind wings are almost white.

ETL for *Chilo partellus* is 6 – 8 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 foot above crop canopy to achieve optimum catch.

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

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