



# Pheromone Chemicals

The name you can always trust

Mfrs: Pheromone Traps, Lures, Yellow sticky traps

## *Chilo Suppressalis* (Asiatic rice borer/ Striped Rice Borer)

The Striped Rice Stem Borer (*Chilo suppressalis*) is a very important pest of rice in Europe, the Middle East and Asia.

**Host range:** Rice



### Nature of Damage

Larvae tunnel into the growing stems killing the plant or severely reducing grain production. Both the attack symptoms and the damage caused by the *Chilo Suppressalis* are different depending on the development stage of the rice plant. Frequently, the attacked plants are arranged in circles or little groups. This is due to the fact that usually, the larvae do not move very far from the plant.

Rice in a vegetative state is attacked by larvae from 1st generation towards mid June and the clearest symptom is the appearance of canes with a dry central leaf. Even though there is little damage, since the plant usually has the capability to make sprouts and make up for the affected canes, this population level will have influence on future attacks.

During the blooming period and the beginning of the earing period, there is usually an attack of larvae from the second generation, with the consequent typical appearance of white spikes (panicles) although this symptom is not exclusive from the *Chilo Suppressalis* attack. It is the most severe attack, since the affected plants may end up having very low productions.

During the earing period, the plant is attacked by larvae from 2nd and 3rd generation. The signs of the striped rice borer attack at this stage are plants with more vertical spikes than the rest due to the relatively little weight of the rice grains. This attack may also affect the cane itself because sometimes it is not solid enough to hold the plant's weight and it lies down. In this case, if the spikes stay inside the water for a long time, the grains will be spoilt (germination in the panicle itself) and reaping will be made difficult since the machines take longer to collect this rice.

Use Pheromone Traps from 1 month crop stage @ 6 – 8 No's per acre to control pest at early stage.

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

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

## Lure Specifications:

1. Lures made of Virgin Silicone rubber for uniform release and long life
2. Minimum pheromone loading assured is 2 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



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