







Technical Bulletin for: Spotted Stalk Borer

Chilo partellus (Swinhoe) • Lepidoptera: Crambidae • CHIPAR



DISTRIBUTION	India, Pakistan, Ethiopia, Lesotho, Madagascar, Malawi, South Africa, Sudan, Tanzania, Uganda, and Mayotte
HOSTS	Maize, sorghum, pearl millet, rice, & sugarcane
DESCRIPTION	
Adult Moth	Small moths with wing lengths ranging from 7–17 mm and a wingspan of 20–25 mm. The forewings of adults are brown yellowish with darker scale patterns forming longitudinal stripes. The hindwings of males are a pale straw color and in females the hindwings are white.
Larvae	Creamy white to yellowish brown. These larvae also have four purple-brown longitudinal stripes and are usually found with characteristically dark brown spots along the back. When fully grown, they produce a conspicuous reddish-brown head. It has a plate on the dorsal surface of the thorax which is known as a prothoracic shield and is reddish brown to dark brown and shiny.
Eggs	Flat and oval, creamy white, about 0.8 mm in length.
LIFE HISTORY	Eggs are laid in batches of 10–80 on the upper side and underside of leaf surfaces, usually close to the midrib. They hatch after 4–10 days. Young larvae feed on leaf whorl, older ones tunnel into stems, feeding for 2-3 weeks. Pupation lasts 1-2 weeks. Mating can occur year-round.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	Z-11-16ald in a Red Rubber Septum. Lure longevity: Thirty (30) days.	
TRAP TO USE	Paper/Plastic Delta Trap or Uni Trap	  
MONITORING STRATEGY	Hang traps near affected crops. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROL	Check Leaves and stems for tunneling and damage. Remove and dispose of infested crops as necessary.	

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