




# Technical Bulletin for: Millet Stemborer

*Coniesta ignefusalis* (Hampson) • Lepidoptera, Crambidae • CONING



<b>DISTRIBUTION</b>	Angola, Benin, Burkina Fasso, Chad, Ethiopia, Gambia, Ghana, Guinea Bissau, Mali, Mauritania, Niger, Nigeria, Senegal, Sudan
<b>HOSTS</b>	Millet
<b>DESCRIPTION</b>	
<b>Adult Moth</b>	Wingspan of 8 to 15 mm, with golden-brown forewings and white silky hindwings
<b>Larvae</b>	20 mm when fully grown, have a reddish-brown head and a creamy white body. Black spots appear in winter.
<b>Eggs</b>	Elliptical, 1 mm long. Yellowish-white in color
<b>LIFE HISTORY</b>	The eggs are laid in batches of 20-25 between the leaf sheaths and stem or on lower leaf blades. Adults are active at night; during the day they hide on leaves, stems and plant debris, with their heads pointing down towards the ground. The total life cycle takes about 30 to 40 days during the wet season. The larvae of the stem borer attack the growing points and leaves of millet and bore into the stem of the crop causing 'dead hearts'. In wet regions, there are three generations or cycles of the pest per year; two cycles in the drier regions.
<b>MONITORING INFORMATION</b>	
<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	Z-7-12OH, Z-5-10OH, and Z-7-12Ald in a plastic vial. Lure longevity: 30 days 
<b>TRAP TO USE</b>	Paper or Plastic Delta Trap 
<b>MONITORING STRATEGY</b>	Place traps in and around the field, particularly along fences and granaries. Check with Cooperative Extension or Master Gardener for local information and recommendations.
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Plant early, with the first rains, to avoid a heavy infestation of the stem borer. Intercropping and rotating millet with non-host crops, such as cowpeas, will confuse the moths, causing them to lay eggs on the non-host crops. The larvae are then unable to eat the non-host crops and will die.

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insect monitoring systems

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