




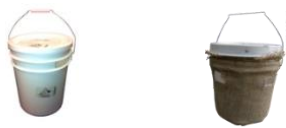
# Technical Bulletin for: West Indian Sugarcane Weevil

*Metamasius hemipterus* (Linnaeus) • Coleoptera, Curculionidae • METHEM



<b>DISTRIBUTION</b>	Indonesia, The Philippines, Africa, and the Americas, south of the U.S mainland.
<b>HOSTS</b>	Sugarcane, Banana, Coconut, papaya, Cassava, Mango, Guava, various species of palm, Sorghum, and maize.
<b>DESCRIPTION</b>	
<b>Adult</b>	Color variable, entirely black, to black with basal red band of varying extent on elytra, or elytra streaked with red and black longitudinally; pronotum and venter black or various combinations of red and black; femora red, red with black stripes, or red with black bands or smudges; 9-14mm in length.
<b>Larvae</b>	The larva is white and robust with a width of 3.2 to 4.5 mm. Thoracic and abdominal sclerites are yellow in color while the head is brown with paler stripes on the dorsal side. Body length is 15 to 17 mm.
<b>Eggs</b>	Yellowish cream, approximately 1.7 mm long, ovoid and semitransparent
<b>LIFE HISTORY</b>	Females are attracted to wounds caused by rats, pruning, and other means. Females oviposit approximately 500 eggs in cracks or damaged areas of the host plant or in the petioles or crown shaft of certain species of healthy palms. After egg hatch, larvae tunnel in the lower stem and rhizome where they destroy maturing stems. Larvae take 2 months to develop, going through 7-9 instars before pupating for 15 days, with adults either emerging immediately or waiting until conditions are favorable.

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	4-methyl-5-9OH and 2-methyl-4-7OH in a Coaster Lure Packet. Lure Longevity: Fort-five (45) days.	
<b>TRAP TO USE</b>	Weevil Bucket Trap	
<b>MONITORING STRATEGY</b>	Hang traps near cane stands or in trees near existing damage, or at least 1 m off of the ground. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Inspect damage to crops for eggs or for larvae feeding on stems. Remove infested plants as necessary. Do not plant new crop near areas of recent infestation.	

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