



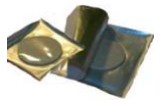

Technical Bulletin for: New Guinea Sugarcane Weevil

Rhabdoscelus obscurus (Boisduval) • Coleoptera, Dryophthoridae • RHAOBS



DISTRIBUTION	Widely distributed, including Indonesia, Japan, Malaysia, Taiwan, American Samoa, Australia, Christmas Island, Cook Islands, Federated States of Micronesia, Samoa, Guam, Tonga and Papua New Guinea.
HOSTS	Sugarcane, Species of Palm, Coconut and Corn.
DESCRIPTION	
ADULT	Range from 12-14 mm in length. Primarily reddish to reddish brown with a darker head.
LARVAE	Mature larvae reach 15 mm in length and are whitish and almost transparent with a hard brown head.
EGGS	1-2 mm in length, ivory white in color, and slightly curved.
LIFE HISTORY	Before laying eggs, females usually chew a 3 mm deep cavity into the sugarcane stalk. Females then lay a single egg in each cavity. Oviposition may also occur in feeding scars, stalk cracks, and wounds. Females lay eggs on the internodes of sugarcane plants as well as on leaf sheaths and the midribs of the leaf blade. Each female can lay 120 to 150 eggs. After hatching, larvae bore into the stock towards the base (typically downwards). Larvae undergo 6 instars, afterwards they pupate in the previously constructed tunnels in cocoons constructed from cane fiber and frass and emerge as adults through previously made exit holes. There can be multiple generations per year.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	2-methyl-4-octanol in a Coaster Lure Packet. Lure longevity: 30 days	
TRAP TO USE	Weevil Bucket Trap	
MONITORING STRATEGY	Hang traps at least 1-1.5 m off of the ground, especially during the summer months when adults emerge. When trapping for multiple species of insect, space traps out by at least 20 m. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROL	Check for infestation. Symptoms observable during visual inspections include discoloration of bark, oozing sap, and larval feeding. Remove infested plants and dispose of them as necessary.	

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