





Technical Bulletin for: Bluegrass Webworm

Parapediasia teterrella (Zincken) • Lepidoptera, Crambidae • PARTET



DISTRIBUTION	North America, from Ontario to New England to Florida, west to California and Nebraska. Introduced into China and Japan.
HOSTS	Species of Bluegrass, Tall Fescue, Buffalo Grass, Bent Grass and Bermuda Grass
DESCRIPTION	
Adult Moth	Wingspan is 21 mm. Adults measure about 12-13 mm long, have white heads, with pale brown to medium brownish gray forewings sporting a curved, brownish-orange line running across the wing and seven spots along the wing tip. Hindwing is brownish-gray.
Larvae	Yellowish, appearing green after feeding, with blackish-brown heads. Can grow to between 19-25 mm at maturity.
Eggs	Larger, elongate, dry and nonadhesive
LIFE HISTORY	Completing two generations per year, adults take wing between May and October. Females lay eggs by flying above the grasses and depositing eggs on lower parts of the grass stems. Larvae then hatch and feed on host species, overwinter within a silk-lined tunnel in the soil or thatch when fully grown. Feeding lasts several weeks, with the first generations emerging in May.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	Z9-16Ald and Z11-16Ald in a Red Rubber Septum. Lure longevity: Thirty (30) days.	
TRAP TO USE	Red Paper or Plastic Delta Trap.	
MONITORING STRATEGY	Hang traps near the edge of lawn, or wherever significant damage occurs. Traps should be hung in late April to ensure the maximum number of insects are caught, replacing the lure as necessary every 2-4 weeks. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROL	Wait 7 to 14 days after seeing peak moth flights and look for damage to the turf. Irrigate to congregate insects and treat during late afternoon or early evening. Mowing the lawn low to the ground may provide some control on eggs, provided grass clippings should be disposed of immediately, incinerated in cases of heavy infestation.	

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