





Technical Bulletin for: Guatemalan Potato Moth

Tecia solanivora (Povolny) • Lepidoptera, *Gelechiidae* • TECSOL



DISTRIBUTION	Central America, Mexico, Northern South America, Spain
HOSTS	Potatoes.
DESCRIPTION	
ADULT	Stout moths with lanceolate front wings and larger rear wings with many fringes 10 mm long. Male dark brown.
LARVAE	When mature purple and green 12-15 mm long.
EGGS	Ovoid, 0.53 x 0.41 mm. Pearly white.
LIFE HISTORY	At dusk, adults fly, copulate and lay their eggs in clusters on the potato tubers or on soil nearby. Adults can live 20 days and female lays more than 300 eggs.

MONITORING INFORMATION

LURE ACTIVE INGREDIENT, SUBSTRATE & FIELD LIFE	Z- and E-3-Dodecenyl acetates and Decenyl acetate on red septum. Field life: thirty (30) days.	
TRAP TO USE	Plastic or Paper Delta trap (Red) or Wing Trap	
MONITORING STRATEGY	Place trap 30 cm above the ground. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROL	None.	

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