







Technical Bulletin for: European Pine Shoot Moth

Rhyacionia buoliana (Schiffermüller) • Lepidoptera: Tortricidae • RHYBUO



DISTRIBUTION	North Africa, North Asia, Europe, North and South America.
HOSTS	Pine
DESCRIPTION	
ADULT MOTH	Reddish-brown with a wingspan of 18mm.
LARVAE	Dark brown with a black head, about 15mm long.
EGGS	Yellowish-white
LIFE HISTORY	Moths emerge in late spring. Females deposit eggs on shoots and on/or near bases of buds or needle fascicles. The larvae mine into and hollow out the buds. As cold weather is fatal to larvae, this pest may be restricted to milder areas. A single larva may bore into more than one bud or developing shoot. Damaged shoots curl and die. The larvae mature by the end of May and pupation occurs within constructed tents. Adults emerge about 2 or 3 weeks after pupation.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	(E)-9-Dodecenyl acetate and (E)-9-Dodecen-1-ol on gray rubber septum. Field life: Four (4) weeks.	
TRAP TO USE	Paper or Plastic Delta Trap	  or Wing Trap 
MONITORING STRATEGY	Traps should be placed in host trees about 6 feet above the ground on the outer foliage. Traps should be visible and placed in an open area. For fragile host trees, place the trap on a stake, but be sure that the trap is touching the host plant foliage. Traps should be placed after May 1 and be removed prior to July 31. There is one generation a year. Use one trap for every four acres. Check traps every other week. Check with Cooperative Extension or local forester for information and recommendations.	
CULTURAL & PHYSICAL CONTROLS	Delay sheering since the young larvae are concentrated on the branch tips. Pruning will effectively remove them from the trees. Most sheering operations remove enough larvae that sprays are unnecessary. Try to delay sheering until mid to late July.	

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