





# Technical Bulletin for: Apple Pandemis

*Pandemis pyrusana* (Kearfott) • Lepidoptera, Tortricidae • PANPYR



<b>DISTRIBUTION</b>	Canada (Alberta, west to British Columbia) US – Idaho, Utah, California, Washington and Oregon.
<b>HOSTS</b>	Apple, pear, sweet cherry, currant.
<b>DESCRIPTION</b>	
<b>Adult Moth</b>	Brown with fasciate markings and white hind wings.
<b>Larvae</b>	Early instar larvae may have a dark lateral mark on each side of the prothoracic shield. Later instars are entirely green and unmarked.
<b>Eggs</b>	At first, the egg mass is light green, but as eggs mature, they turn light brown.
<b>LIFE HISTORY</b>	One or two generations per year. Females deposit eggs in masses on the upper surfaces of leaves and on fruit. Early instar larvae of the first (summer) generation feed under a shelter constructed along the mid-rib of a leaf. Later instars feed on foliage in various locations on the host and may cause economic damage by feeding between clusters of fruit. Larvae of the second generation overwinter in shelters at the base of trees or under bark. In the spring they begin feeding on terminal leaves and pupate in April or May inside a folded leaf.
<b>MONITORING INFORMATION</b>	
<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	(Z)-11-Tetradecenyl acetate and (Z)-9-Tetradecenyl acetate on a red rubber septum. Lure longevity: Four (4) weeks. 
<b>TRAP TO USE</b>	Plastic or Paper Delta Trap 
<b>MONITORING STRATEGY</b>	Place traps in trees in an apple orchard at a height between 1.5 and 2 meters. Traps should be separated by a minimum of 30 meters. Check traps at least weekly and replace sticky bottoms as needed. Check with Cooperative Extension or Master Gardener for local information and recommendations.
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	None reported.

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