






Technical Bulletin for: Apple Fruit Moth

Argyresthia conjugella (Zeller) • Lepidoptera, *Yponomeutidae* • ARGCON



DISTRIBUTION	Native to India, widely present in Europe, Asia and the east coast of the United States.
HOSTS	Primarily apple, along with other members of the <i>Sorbus aucuparia</i> and <i>Malus</i> species.
DESCRIPTION	
ADULT MOTH	Brown – easily confused with other moths. Wingspan of 10-14 mm.
LARVAE	Yellow-white to red, with a light brown head.
EGGS	Light red with small darker spots.
LIFE HISTORY	Overwinter as pupae in the top level of the soil. On occasion, some adults may overwinter in cocoons as caterpillars. Moth flights typically begin when temperatures reach 9°C (May in warmer regions) and can last until the end of August. Moths reach full maturity after feeding on flower nectar.

MONITORING INFORMATION

LURE ACTIVE INGREDIENT, SUBSTRATE & FIELD LIFE	(Z)-11-Hexadecenyl acetate in a Red Rubber Septum. Field life: thirty (30) days. 
TRAP TO USE	Red Paper or Plastic Delta Trap  
MONITORING STRATEGY	Traps should be placed in the orchard prior to the first flight. Check with Cooperative Extension or Master Gardener for local information and recommendations.
CULTURAL & PHYSICAL CONTROLS	Inter-row cultivation can help destroy pupae along with thinning of tree crowns can reduce populations.

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