





# Technical Bulletin for: Plum Fruit Moth

*Grapholita funebrana* (Treitschke) • Lepidoptera, Tortricidae • GRAFUN



<b>DISTRIBUTION</b>	Native to Europe, Prominent in the Middle East and Northern Asia. Has been introduced to the United States.
<b>HOSTS</b>	Plum, cherry, peach and apricot.
<b>DESCRIPTION</b>	
<b>ADULT</b>	Grayish-brown forewings and brown hind wings, with a wingspan of 10-15 mm.
<b>LARVAE</b>	Bright reddish-pink with a dark brown head. Approximately 9-12 mm in length.
<b>EGGS</b>	0.7*0.6 mm are lenticular to ovate. Translucent white, becoming yellow as they mature.
<b>LIFE HISTORY</b>	Adults begin to appear in April or May and are most active at night and at temperatures above 64°F. Eggs are laid individually or in small groups on the surface of fruit, hatching in 5 to 9 days. Larvae pupate under bark or inside other crevices, including those in the ground or soil. Depending on the climate, they can produce one to three generations per year.

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENT, SUBSTRATE &amp; FIELD LIFE</b>	E8-12Ac and Z8-12Ac on red rubber septum. Field life: four (4) weeks.	
<b>TRAP TO USE</b>	Paper or Plastic Delta trap	
<b>MONITORING STRATEGY</b>	For an orchard of 2–10 acres, use at least 3 traps. Place traps as high as convenience allows. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Check for frass-filled holes at the base of fruit near stalks, or for prematurely ripening fruit, as well as cocoons and crevices in the bark of trees, on main branches, root collars, or even in fruit containers.	

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