





# Technical Bulletin for: European Grape Berry Moth

*Eupoecilia ambiguella* (Hubner) • Lepidoptera, Tortricidae • EUPAMB



<b>DISTRIBUTION</b>	Euro-Asia. Present in Australia.
<b>HOSTS</b>	Grape varieties, alternatively several plants from Aceraceae, Araliaceae, Caprifoliaceae, Cornaceae, Grossulariaceae, Oleaceae, Rosaceae families.
<b>DESCRIPTION</b>	
<b>Adult Moth</b>	The wingspan ranges from 12 to 15 mm. The forewings are yellow or yellowish orange with a well-defined dark-brown to black median fascia. Males and females exhibit no sexual dimorphism in wing pattern although females may be slightly larger than males. Males lack a forewing costal fold. The head and body are yellow and brown.
<b>Larvae</b>	Late instar larvae are approximately 10-12 mm in length. The head, prothoracic shield, and legs are dark brown to black. Body color varies from brown to yellow and green.
<b>Eggs</b>	0.8 x 0.6 mm; grayish brown when laid, later becoming speckled with orange
<b>LIFE HISTORY</b>	Over most of its range, adults are present in May and June for the first generation and again in August and September for the second generation. Females deposit eggs singly on buds, pedicels, and flowers during the first generation, and on grape berries during the second generation. Early instar larvae burrow into the buds or berries and feed internally; later instars web together buds or berries, and a single larva can feed on up to a dozen berries. Pupation occurs in leaves for the first generation and under bark for the second generation. Overwintering occurs as a second generation pupa.

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	Z9-12Ac and 12Ac in a Red Rubber Septum. Lure longevity: Thirty (30) days.	
<b>TRAP TO USE</b>	Red Paper or Plastic Delta Trap	
<b>MONITORING STRATEGY</b>	Hang traps at randomly spaced intervals throughout a field or vineyard. When trapping for multiple different species, space traps by at least 20 m. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Inspect for damage to stems, flowers and “stung” berries.	

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Alpha Scents, Inc., 360 S. Sequoia Pkwy. Canby, OR 97013  
TEL: 503-342-8611 • FAX: 314-271-7297 • sales@alphascents.com • www.alphascents.com