

Summer Fruit Tortrix Moth

Adoxophyes orana

Native to Europe and Asia, the Summer Fruit Tortrix Moth is **not known to occur in the U.S.** The Summer Fruit Tortrix Moth is most commonly a pest of apple, cherry and pear trees; however it does have a large range of other hosts.



FEMALE:

V. Mastro, USDA, APHIS, PPQ



MALE:

V. Mastro, USDA, APHIS, PPQ



Jae-Cheon Sohn, Bugwood.org



Hania Arentsen, Garden Safari, www.forestryimages.org

Identifying Features:

Adults emerge from late May through late June, from loosely woven cocoons on host plants. Males have a 15-19 mm wingspan, with the forewings being light grayish-brown or yellowish-brown in color. They have distinct brown markings. Hind wings are light gray. Females have a 19-22 mm wingspan with dullish, gray-brown forewings and markings which are less distinct than those of males. Female hind wings are brownish-gray.

These adults give rise to the first generation of larvae (summer caterpillars). The larvae are 18-22 mm long with a brown head. When mature the head turns a honey-yellow color. The thoracic legs are light brown and the overall color of the caterpillar is greenish yellow to olive green. These adults will produce the second generation of larvae (fall caterpillars) which will overwinter on plants until the following spring.

Damage:

- Caterpillars cause damage by feeding on the leaves and fruit.
- Point-like holes are left in the fruit tissue by larvae.
- Before overwintering, fall caterpillars may feed on fruit causing irregular depressions on the surface of the fruit.

The first generation, or summer caterpillars, causes the largest economic loss to fruit production.

Information Sources

[Summer Fruit Tortrix Moth – Adoxophyes orana](http://www.massnrc.org/pests/pestFAQsheets/summer%20fruit%20tortrix%20moth.htm). 26 February 2008. 24 February 2009

<<http://www.massnrc.org/pests/pestFAQsheets/summer%20fruit%20tortrix%20moth.htm>>.

[Summer Fruit Tortrix Moth: Adoxophyes orana \(Lepidoptera: Tortricidae\)](http://www.invasive.org/browse/subject.cfm?sub=4937). 25 August 2008. 24 February 2009

<<http://www.invasive.org/browse/subject.cfm?sub=4937>>.

Image Sources

[Summer Fruit Tortrix Moth – Adoxophyes orana](http://www.massnrc.org/pests/pestFAQsheets/summer%20fruit%20tortrix%20moth.htm). 26 February 2008. 24 February 2009

<<http://www.massnrc.org/pests/pestFAQsheets/summer%20fruit%20tortrix%20moth.htm>>.

[Summer Fruit Tortrix Moth: Adoxophyes orana \(Lepidoptera: Tortricidae\)](http://www.invasive.org/browse/subject.cfm?imgnum=5143072). 19 January 2007. 24 February 2009

<<http://www.invasive.org/browse/subject.cfm?imgnum=5143072>>.