

Adoxophyes orana Summer Fruit Tortrix

FIELD SCREENING AID





Forewing:

- yellowish-brown with contrasting reddish-brown markings
- •male with broad fold along basal 1/3 to 1/2 of costal margin
- •length approximately 7.0-8.5 mm

Hindwing:

uniform gray

Wingspan: 15 to 22 mm (5/8 to 7/8 in)

Males of *Adoxophyes orana* (Fischer von Röslerstamm) (Lepidoptera: Tortricidae) are very similar to those of many other *Adoxophyes* and tortricid moths, some of which are also attracted to the *A. orana* pheromone. The forewing of the summer fruit tortrix is extremely variable in color and pattern. Therefore, dissections of the genitalia are required for authoritative identifications.

These aids were produced by Julieta Brambila (USDA/APHIS/PPQ) with assistance from John W. Brown (USDA/ARS) for CAPS (Cooperative Agriculture Pest Survey program) and are partly based on the Pest Risk Assessment report by Davis, French, and Vennette (2005). The illustrated specimen, deposited in the National Museum of Natural History, was photographed by Paul Skelley (FDACS-Florida Department of Agriculture and Consumer Services). The image of *A. orana* in its natural resting posture is used with permission from photographer Hania Berdys; this image is found at www.invasive.org and at www.gardensafari.net.



Adoxophyes orana Summer Fruit Tortrix

PPQ PPQ

DIAGNOSTIC AID

Photo by Hania Berdys



Wingspan: 15 to 22 mm (5/8 to 7/8 in)

Forewing:

- •yellowish- or creamy-brown with darker reticulation; markings reddish-brown, less defined in females
- median and subterminal fasciae (bands) reddish-brown and variable; when incomplete, median fascia forked near middle of wing
- •male with broad fold along basal 1/3 to1/2 of costal margin
- •incomplete basal blotch reddish-brown
- •length approximately 7.0-8.5 mm in males, 8.0-10.5 mm in females

Hind wing:

•uniform light gray, neither white nor contrastingly darker at the anal angle

Males of *Adoxophyes orana* (Fischer von Röslerstamm) (Lepidoptera: Tortricidae) are very similar to many other *Adoxophyes* and tortricid moths, some of which are also attracted to the *A. orana* pheromone. The forewing of the summer fruit tortrix is extremely variable in color and pattern. Therefore, dissections of the genitalia are required for authoritative identifications. Illustrations of the male and female genitalia can be found in J. Razowski (2002), Tortricidae of Europe, Vol. 1, Tortricinae and Chlidanotinae, F. Slamka publisher, Slovakia.