

Omnivorous leaf roller

What is it?

The omnivorous leafroller, *Platynota stultana*, is an exotic moth which feeds on a wide variety of agricultural crops, including grapevines and citrus. Although it feeds on leaves, flowers and developing grapes, the main problem is that it allows rot organisms to enter the fruit at the site which it feeds.

What do I look for?

The main symptoms of disease are found on the leaves. Lesions first appear as faint yellowing spots and are more noticeable when the leaf is held to the sun. Secondary veins in the spots appear brown. As the disease progresses the spots change from yellow, to reddish brown and the tissue eventually dies. Lesions are generally surrounded by a yellow margin and bordered by major veins. On red varieties of *Vitis vinifera* such as Cabernet Sauvignon and Pinot Noir the margins between healthy and diseased tissue are red. Infected leaves usually fall from the vine prematurely.



Omnivorous leaf roller adult moth

UC statewide IPM Project © Regents, University of California



Larvae folding a leaf by tying edges together with silk threads

UC statewide IPM Project © Regents, University of California



Omnivorous leaf roller larvae on cotton

UGA1857048

Ronald Smith, Auburn University, Bugwood.org

How does it spread?

Adult moths are dispersed by flight.

Where is it found?

The omnivorous leafroller is only known to occur in the USA and Mexico.

How can I protect my vineyard from Omnivorous leafroller?

Check your vineyard frequently for the presence of new pests and unusual symptoms. Make sure you are familiar with common viticulture pests so you can tell if you see something different.

If you see anything unusual, call the Exotic Plant Pest Hotline on 1800 084 881.



Omnivorous leaf roller larvae

UGA1127013

Barry Freeman, Auburn University, Bugwood.org

EXOTIC PLANT PEST HOTLINE
1800 084 881



Larvae inside bracts of a cotton square – note webbing and frass

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