

Home Orchard Fruit Pest Management Tips

Codling Moth Versus Apple Maggot

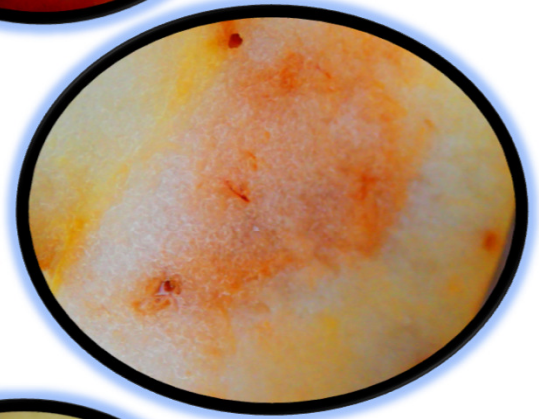
Which “worm” is in my apples on the tree?



**Codling
moth
damage**



**Apple
maggot
damage**



**Apple
maggot
damage**



Codling moth:

- Hole in apple filled with frass
- When cut open, tunnel goes to core
- Fresh holes appear in May/June and again at harvest.



**Warning: Apple
Maggot is a
quarantine pest
in Eastern WA**

Apple maggot:

- Hole, if present, is empty of frass
- Tunnels may be filled with bacterial rot and meander through the flesh
- Fresh holes appear only at harvest.

Codling Moth Versus Apple Maggot



The immature codling moth is a caterpillar with head, six claw-like legs and a shield behind the head and at the back end. Mature size = 3/4 inch.



The codling moth is 1/2-inch long and first active in May, in July and in late August.



Immature apple maggot is a headless, legless maggot with dark mouth hooks at the front end. Mature size = 3/8 inch long.



The apple maggot fly is 1/5-inch long and active from late June to September.

Management:

Regularly updated WSU recommendations (chemical and non-chemical) on pest management of codling moth and of apple maggot for homeowners can be found on line at these websites:

- WSU Extension Hortsense at <http://hortsense.cahnrs.wsu.edu/Home/HortsenseHome.aspx>
- Pacific Northwest Insect Management Handbook <https://pnwhandbooks.org/insect/tree-fruit/apple>

Contributors-

Mike Tobin, No. Yakima Conservation District
Dr. Wee Yee, USDA-ARS, Wapato
Jeff Upton, Yakima Co Hort Pest & Disease Board
Mike Klaus, WSDA- Yakima
Dr. Mike Bush, WSU Extension- Yakima County



Product names have been used to simplify information; no endorsement is intended. Always read the pesticide label before purchasing and applying pesticide products. WSU Extension programs and employment are available to all without discrimination. Evidence of noncompliance may be reported through you local Extension office. Copies of this document may be available at the WSU Yakima County Extension Office, call 509-574-1600. Created September 2017