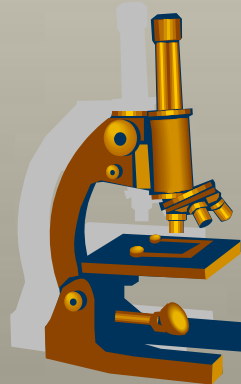




WSDA Cherry Export Pest Identification Support

Michael W. Klaus, Entomologist, WSDA, Plant Protection
Division, Yakima, WA



Cherry Quarantine Program



The success of the Cherry Quarantine Program depends upon strict adherence to proper sampling procedures and crushing methods.

Permanent Order No. 1099

WAC 16-463-010

Condition for shipment, transfer, and sale of Cherries



“No persons shall ship or transfer from the area of production or within the area of production, or offer for sale for human consumption, any cherries that are infested with live cherry fruit fly larvae.”



Infested Cherries



Cherries may still be shipped if:

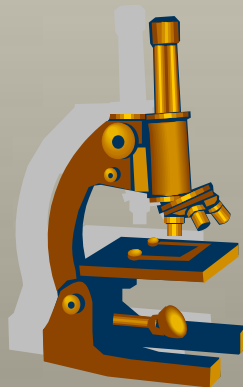
- the cherries are fumigated
- or,
- the cherries are sent to a processor.

Otherwise, they must be destroyed.



WSDA Cherry Export Pest Identification Support

Michael W. Klaus, Entomologist, WSDA, Plant Protection,
Yakima, WA



Steps in the Pest Identification Process

1. Inspector detects pest/specimen on/in fruit
2. Inspector sometimes able to ID common pests on the spot or confirms with supervisor
3. Inspector/Supervisor submits pest specimen for confirmation to Entomologist, if needed
4. In some cases, specimens can identified/confirmed by remote Digital ID process between Wenatchee - Yakima and/or Olympia
5. Understand that we will not be able to rapidly identify all specimens submitted by inspectors. Some rare and difficult specimens may still need to be transported to Yakima/Wenatchee/Olympia and could take longer to ID. Identification to *Genus* and *species* level for some specimens could take weeks, months or even years to identify if sent to specialists!

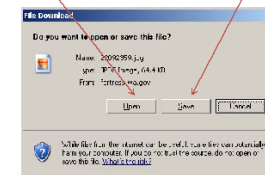
Nikon SMZ1500



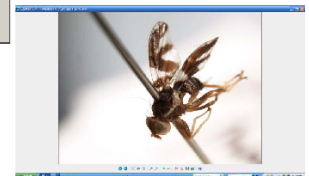
E-mail or instruct viewer to go to the following web address
Yakima: <http://68.116.30.179/> Wenatchee: <http://66.172.102.182/>

ROOM2
To view image

Click Open to view image immediately Click Save to the copy image to local drive, shared drive or portable device



Image



Nikon SMZ1500



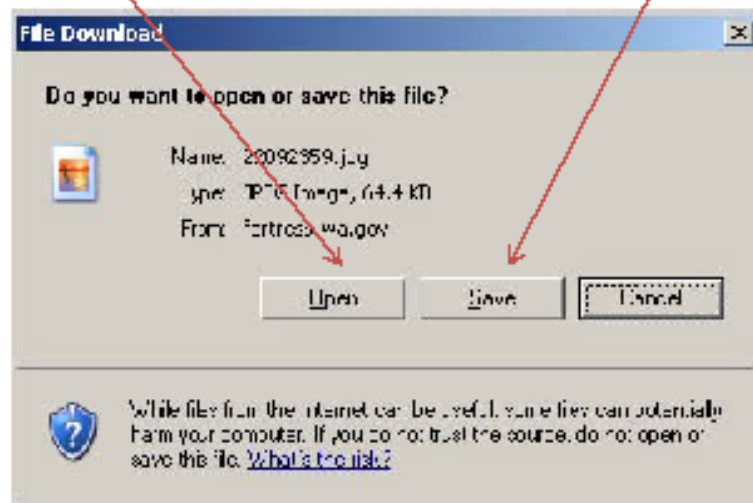
For mail or internet viewer to go to the following web addresses
Yahoo: <http://002.116.30.170/> Webshots: <http://002.116.30.170/>

ROOM2

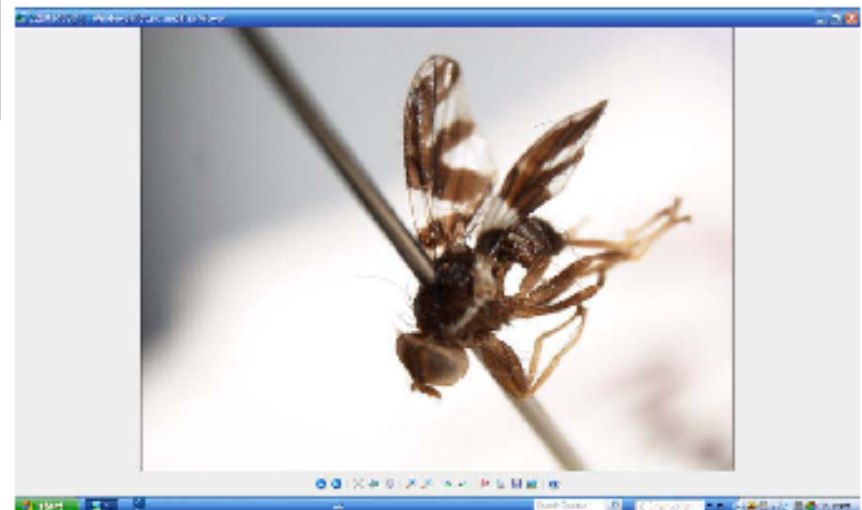
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Click Open *to view image immediately*

Click Save *to the copy image to local drive, shared drive or portable device*



Image



A contact list and work schedules have been developed to facilitate the identification process

The primary WSDA identifiers for eastern Washington continue to be:

Michael W. Klaus
Pest Biologist II (Entomologist)
Plant Protection Division
Washington State Department of Agriculture
21 North 1st Avenue Suite 103
Yakima WA 98902
W (509) 249-6966 Cell (509) 480 - 1882
(509) 454-7858 FAX mklaus@agr.wa.gov

Dr. Ed Lisowski
Pest Biologist II (Entomologist)
Plant Protection Division
Washington State Department of Agriculture
21 North 1st Avenue Suite 103
Yakima WA 98902
(509) 249-6964
(509) 454-7858 FAX elisowski@agr.wa.gov

The following Entomologist has agreed to provide insect identifications on Monday through Fridays in the event that eastern Washington WSDA Entomologists are not available:

Eric LaGasa
Chief Entomologist
Plant Protection Division
Washington State Department of Agriculture
Olympia, WA 98504
(360) 902-2063 elagasa@agr.wa.gov

Other Cooperators:

Dr. Wee Yee has agreed to confirm cherry fruit fly and apple maggot identifications

Dr. Wee Yee

USDA-ARS Agricultural Research Laboratory

5230 Konnowac Pass Road

Wapato, WA 98951

(509) 454-6558 or Lab (509) 454-6581

wlyee@yarl.ars.usda.gov

Dr. Bush can identify cherry fruit fly, Spotted Wing *Drosophila* (SWD) and apple maggot. He is also capable of identifying various Lepidoptera including: codling moth, OFM and PTB any many other insects

Dr. Mike Bush

Yakima County

WSU Extension

128 N. 2nd Street, Rm. 233

(509) 574-1600

Cell (509) 833-1669

bushm@wsu.edu

**Dr. Betsy Beers can identify *Drosophila* and WCFF larvae
on an emergency basis only in the Wenatchee area**

Elizabeth H. Beers
Professor of Entomology
Washington State University
Tree Fruit Research & Extension Center
1100 N. Western Ave.
Wenatchee, WA 98801
phone: 509.663.8181 x234
fax: 509.662.8714
email: ebeers@wsu.edu
web: <http://www.tfrec.wsu.edu/pages/ebeers>

Rhagoletis vs. *Drosophila*

Workshops Were Conducted this Winter



Michael Bush, Ph.D.
WSU Extension Entomologist
and Mike Klaus, Entomologist, WSDA
Yakima, WA