



Tree Fruit IPM Advisory: May 3rd, 2006

Past IPM advisories are archived at:

<http://extension.usu.edu/cooperative/ipm/index.cfm/cid.610/>

*******Insect Advisory*******

DEGREE-DAY (DD) ACCUMULATIONS:

DDs Since March 1

<u>Location</u>	<u>Codling Moth/Peach Twig Borer</u>	<u>Western Cherry Fruit Fly</u>
Utah County	181-233	432-512
Salt Lake County	189-229	456-529
Davis/Weber Counties	184-187	435-449
Box Elder County	192	441
Cache County	111-120	241-306
Set traps by	CM: 125/ PTB: 250	WCFF: 700
First adults expected	CM: 200-250/ PTB: 400	WCFF: 900-950

REQUEST FOR HELP WITH BIOFIX INFORMATION: For anyone setting and monitoring insect traps (for codling moth, peach twig borer, cherry fruit fly, greater peachtree borer) in orchards this year, please send in your biofix dates (dates of first insect catch) by email (respond to this email message). Include your location, insect species, and biofix date. This will help us with determining insect biofix dates for a wider range of locations. Thank you.

CODLING MOTH (Apple and Pear): No codling moth adults have been caught yet in northern Utah. The first catch of codling moth is expected this week in warmer sites in Utah and Salt Lake Counties. First moth catch in Davis, Weber, and Box Elder Counties is also expected soon. If you haven't yet, set codling moth traps now in all northern Utah

sites. Traps should be out by 125-150 DD and first moths are expected at 200-250 DD. It is best to have several days of no catch before the first moths are caught. This will ensure that you can identify the beginning of adult emergence. As 200-250 DD approaches, the first moths will fly on the first evening where temperatures remain above 55-60 F. This is the temperature threshold for moth flight. Adults are most active from dusk to midnight.

PEACH TWIG BORER (Peach, Nectarine, and Apricot): First peach twig borer moths are expected 10-14 days after codling moth (400 DD), and control of the summer generations are timed based on first moth catch (biofix). Place PTB traps in peach, nectarine, and apricot orchards in Utah and Salt Lake Counties by next week and 1-2 weeks later in cooler sites.

PLUM CURCULIO (All tree fruits): Plum curculio is a state quarantine insect pest that has only been found in Box Elder County. The first plum curculio adults of the season were found in traps in Perry and Brigham City on April 24. Traps for regulatory concerns should be placed in other northern Utah counties now.

OTHER ORCHARD INSECTS: Few other early season insects have been found in northern Utah orchards at this time. Few green peach aphid, campylomma bug, and leafrollers have been detected.

FOR MORE INFORMATION ON TREE FRUIT PEST MANAGEMENT:

For a posting of archived and current pest advisories and orchard spray timing tables, see the USU Extension IPM web page at:

<http://extension.usu.edu/cooperative/ipm/>

The 2006 update of the Utah “Home Orchard Pest Management Guide” (USU Extension Publication HG 137) is now available at:

<http://extension.usu.edu/files/publications/homeorchard2006.pdf>

For Utah commercial orchard insect control guides (peach and cherry), see:

<http://extension.usu.edu/cooperative/ipm/index.cfm/cid.1424/>

For one-stop shopping for information on Utah insects, plant diseases, IPM, and the Plant Pest Diagnostic Laboratory, go to our “Insects and Plant Diseases” umbrella web site at:

<http://extension.usu.edu/cooperative/ipd/>