



## *Tree Fruit IPM Advisory: July 22<sup>nd</sup>, 2004*

\*\*\*\*\*Insect Advisory\*\*\*\*\*

**CODLING MOTH:** Apple and pear growers in Cache County (as well as high-elevation sites such as Alpine) will likely reach 1250 DDs tomorrow (Friday July 23<sup>rd</sup>). The 1250 DD accumulation represents approximately 6% egg-hatch and is a commonly used timing for the first spray of the 2<sup>nd</sup> generation. Most other orchardists have already passed the 1250 mark and are approaching the period of time during which peak egg-hatch begins. Since each generation comes as a “wave” of hatching larvae, the crest of this wave will likely deliver the bulk of the pest pressure. Control measures need to be tightened during this period. The peak egg-hatch period can be expected to begin around 1320 DD and wind down around 1740, which should take 14-16 days. The following dates are the projected beginnings of *peak* egg-hatch at each orchard site:

**BOX ELDER CO.:**

Perry: **15-July**

Willard: **14-July**

**CACHE CO.:**

Hyde Park/River Heights: **27-July**

Logan/N. Logan: **26-July**

**WEBER CO.:**

Pleasant View: **14-July**

**DAVIS CO.:**

Kaysville: **19-July**

**SALT LAKE CO.:**

Salt Lake City: **11-July**

**UTAH CO.:**

Alpine: **26-July**

Genola: **16-July**

Lincoln Point: **22-July**

Payson: **18-July**

Provo/Orem: **15-July**

Santaquin: **20-July**

Spanish Fork: **15-July**

West Mtn.: **23-July**

**PEACH TWIG BORER:** The 2<sup>nd</sup> generation of twig borer in Cache County (and high elevation sites) should be emerging by tomorrow (or by this weekend). Almost all other

peach growers are passed the first emergence and are fast approaching the 1400 DD mark, which is a common timing of the 2<sup>nd</sup> generation spray. The following locations should reach 1400 DDs on the dates provided:

**BOX ELDER CO.:**

Perry: **22-July**

Willard: **23-July**

**CACHE CO.:**

Hyde Park/River Heights: **8-August**

Logan/N. Logan: **7-August**

**WEBER CO.:**

Pleasant View: **24-July**

**DAVIS CO.:**

Kaysville: **25-July**

**SALT LAKE CO.:**

Salt Lake City: **21-July**

**UTAH CO.:**

Alpine: **6-August**

Genola: **28-July**

Lincoln Point: **1-August**

Payson: **28-July**

Provo/Orem: **24-July**

Santaquin: **4-August**

Spanish Fork: **25-July**

West Mtn.: **2-August**

**MITES:** Two-spotted spider mites and European red mites have been “cleared for take-off.” This is the time of year that mites really can do a lot of damage in a short period of time. Look for the characteristic “bronzing” and webbing of leaves to determine if substantial mite populations are present in “hot-spots.” Scouting in Perry (Box Elder Co.) and Kaysville (Davis Co.) indicated that mite populations are building and will probably require a suppressive treatment if none has been applied to-date. Be aware that pre-harvest intervals for some materials are relatively long (Agri-Mek: 28 days on apples; Vendex: 14 days on apples and peaches), while others (Acramite: 7 days on apples, 3 days on peaches) are short. Miticides can often be tank-mixed with sprays for codling moth or twig borer. For backyard growers, insecticidal soap is very effective and widely available. Coverage is critical.

\*\*\*\*\*Disease Advisory\*\*\*\*\*

**APPLE SCAB:** As predicted last week, the warm rains over the weekend produced the optimal conditions for the apple scab fungus. If the pathogen was present, it had enough warmth and constant leaf wetness to germinate in the following areas: Kaysville, Salt Lake City, Alpine, Lincoln Point, Santaquin, and the West Mountain area of Utah Co..

For more information, contact:  
Shawn Steffan  
Extension IPM Project Leader  
Dept. of Biology, Utah State University  
Logan, UT 84322-5305  
[steffan@biology.usu.edu](mailto:steffan@biology.usu.edu)  
Office: (435) 797-0776  
Mobile: (435) 770-9566

USU Extension and its employees are not responsible for the use, misuse, or damage caused by application or misapplication of products or information mentioned, and make no endorsement explicitly or implicitly of the products or information listed herein.