TO: Fruit Growers and Shippers  
Idaho Cherry Commission

FROM: Ben Simko, Program Manager, Entomologist  
Division of Plant Industries

DATE: May 28, 2009

SUBJECT: Cherry Fruit Fly Emergence

According to the degree-day model from the Online Phenology and Degree-day Models published at the OSU Integrated Plant Protection Center Website, below are the forecasted dates for the Western Cherry Fruit Fly adult emergence and recommended spray dates. Tony McCammon, University of Idaho, Payette County Extension Educator will also post an alert at http://www.pnwpestalert.net/index.php web site to help notify producers and fieldmen. These dates were determined using actual temperature data from these locations up to May 27 and forecasted temperatures thereafter.

**Western Cherry Fruit Fly Degree Day Accumulations 2005-2009**

Orchard Pest Management (Published by Good Fruit Grower) recommends “chemical control sprays should be applied on or before 1060 degree days to target mature, egg-laying flies.”

<table>
<thead>
<tr>
<th>Site</th>
<th>2009 Forecast 1st Treatment Recommended 1060 degree-day</th>
<th>2008</th>
<th>2007</th>
<th>2006</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boise</td>
<td>June 3</td>
<td>June 17</td>
<td>June 1</td>
<td>June 4</td>
<td>May 26</td>
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<tr>
<td>Caldwell</td>
<td>June 6</td>
<td>June 16</td>
<td>June 3</td>
<td>June 1</td>
<td>May 27</td>
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<tr>
<td>Nampa</td>
<td>June 4</td>
<td>June 16</td>
<td>June 3</td>
<td>June 5</td>
<td>May 26</td>
</tr>
<tr>
<td>Ontario</td>
<td>May 31</td>
<td>June 13</td>
<td>May 24</td>
<td>May 31</td>
<td>June 1</td>
</tr>
<tr>
<td>Parma</td>
<td>June 1</td>
<td>June 14</td>
<td>June 1</td>
<td>June 3</td>
<td>May 23</td>
</tr>
</tbody>
</table>

Historical 1060 degree day accumulation forecast dates
Control applications are recommended prior to and no later than 1060 Degree-day accumulations according to "Orchard Pest Management" as published by the "Good Fruit Grower," Yakima, WA. 1993.

There are no recorded catches of adult fruit flies as of today, but degree-day accumulations indicate that there should be very soon.

Please check with your local county extension educator or crop consultant for the situation in your area and for proper chemical recommendations and application methods if necessary.

cc: Canyon County Extension Office
    Gem County Extension Office
    Payette County Extension Office
    Washington County Extension Office
    Mr. Tom Lyon, Wilbur-Ellis Company