Anticipate the emergence of a target pest using a growing degree-day model.

Place traps in the field 1-2 weeks prior to earliest known emergence date.

The number of traps per block depends on the species.

General rule of thumb is 2 pheromone traps per block, with minimum of 1 trap per 10 acres.

Place at least one trap on the side of the orchard facing abandoned trees and hedgerows.

Hang traps on the south side of trees at eye level.

Mark trap locations with flagging tape or bands around the base of the tree.

Pheromone capsules should be changed every month.

Pheromone traps for different species should be placed 50 feet apart.

Make sure visual traps are unobstructed by foliage.

Sticky traps should be changed whenever debris reduces the stickiness.

### Common Orchard Pests & Order Of emergence

<table>
<thead>
<tr>
<th>STLM (Spotted tentiform leafminer)</th>
<th>RBLR (Redbanded leafroller)</th>
<th>CM (Codling Moth)</th>
<th>OBLR (Obliquebanded leafroller)</th>
<th>AM (Apple Maggot)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Trap Type</strong></td>
<td>Pherocon Delta Trap with STLM lure</td>
<td>Pherocon Delta Trap with RBLR lure</td>
<td>Pherocon delta trap with CM lure</td>
<td>Pherocon delta trap with OBLR lure</td>
</tr>
<tr>
<td><strong>Set Trap by</strong></td>
<td>50 GDD (base 50 F) or April 13</td>
<td>50 GDD (base 50 F) or April 13</td>
<td>150 GDD (base 50 F) or about May 12</td>
<td>Mid- May</td>
</tr>
<tr>
<td><strong>Where</strong></td>
<td>Eye Level, South side of tree</td>
<td>Eye Level, South side of tree</td>
<td>Eye level, South side of tree, center of block; Do not hang traps in outside rows</td>
<td>Eye Level, South side of tree</td>
</tr>
<tr>
<td><strong>Replace Lure</strong></td>
<td>Every 4 weeks</td>
<td>Every 4 weeks</td>
<td>Every 4 weeks</td>
<td>Every 6 weeks</td>
</tr>
<tr>
<td><strong>Check traps</strong></td>
<td>Once a week</td>
<td>Once a week</td>
<td>Twice a week</td>
<td>Once a week</td>
</tr>
</tbody>
</table>

Red ball & yellow sticky boards – Baited or unbaited (visual traps)

July 11 or 800 GDD (emergence at 900)

Eye level on border rows. Place traps in earliest maturing varieties or blocks closest to abandoned orchards

As needed

Twice a week