



# Peach Twig Borer Sampling Instructions

## When and How Often to Sample:

Place traps in orchards after approximately 330 degree days have accumulated. Check traps at least every other day (preferably daily) until biofix, and weekly throughout the season afterward.

## Materials Needed:

1. Delta or wing-style traps
2. Peach twig borer pheromone lures. Lures are available that last 30 or 60 days. (Store unused lures in a freezer.)
3. Latex gloves to handle lures (optional)
4. Replacement sticky bottoms
5. Wire to hang trap (if not included with trap)
6. Flagging to mark tree
7. Forceps to remove moths after counting

## Sampling Procedure:

1. Assemble trap and place pheremone lure inside using latex gloves or forceps, according to manufacturer's instructions. (To prevent contamination, do not use a tool you have used on a different type of lure.)
2. Hang a minimum of two traps per orchard, one near the edge, and one near the center. For orchards larger than 10 acres, hang one trap per 5 acres.
3. Hang traps in the upper third of the canopy, at least 6 - 7 feet high. Make sure the trap entrance is not blocked by foliage and that it is parallel to the prevailing wind direction.
4. Mark tree with flagging so that it can easily be found.
5. Check traps by pulling out the sticky liner and counting the moths present. Record the number on the sampling form.
6. Remove and discard moths with forceps or other tool. Place liner back in trap.
7. Change liner after 40 - 50 moths have been caught or when it has become filled with debris.
8. Change lure according to manufacturer's recommendation.

## Treatment/Mgmt. Recommendations

Degree Days	% Adults Emerged	% Eggs Hatched	Mgmt. Event
<b>Before emergence of overwintering larvae</b>			
Calyx green - first pink	0	0	Delayed dormant insecticide targets overwintering larvae
330	0	0	Place pheromone traps in orchard
400 - 450	First moths	0	Check traps regularly until biofix
<b>First Summer Generation</b>			
0	At least two moths caught on two successive nights	0	Biofix - reset DD to zero
400	94	28	Apply cover spray
<b>Second Summer Generation</b>			
1460	94	51	Apply second cover spray

For more information, see the [Peach Twig Borer fact sheet](#).

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